

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ☒ ELECTRIC LOGS ☒ WATER SANDS ☐ LOCATION INSPECTED ☐ SUB. REPORT/abd.

11-9-92 mud log
930312 Commenced ITB at 1-22-93
Confidential Status Expired 12-24-93

DATE FILED 6-19-92

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO. U-020252-A

INDIAN

DRILLING APPROVED: 7-27-92 (EXCEPTION LOCATION)

SPUDDED IN: 10-13-92

COMPLETED: 11-24-92.500 PUT TO PRODUCING:

INITIAL PRODUCTION: 4.8 BOPD, 4.8 BOPD

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 4757.5068 (Green River)

TOTAL DEPTH: 5800'

WELL ELEVATION: 5580 GL

DATE ABANDONED:

FIELD: MONUMENT BUTTE

UNIT:

COUNTY: DUCHESNE

WELL NO. BALCRON MONUMENT FED. 42-6

API NO. 43-013-31364

LOCATION 1806' FNL FT. FROM (N) (S) LINE. 921' FEL

FT. FROM (E) (W) LINE. SE NE

1/4 - 1/4 SEC.

6

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

9S

17E

6

BALCRON OIL



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1801 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

JUN 19 1992

DIVISION OF
OIL GAS & MINING

June 18, 1992

-- VIA FEDERAL EXPRESS --

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Enclosed are Applications for Permit to Drill the following wells in Duchesne County, Utah:

Balcron Monument Federal #11-6
NW NW Section 6, T9S, R17E

Balcron Monument Federal #33-6
NW SE Section 6, T9S, R17E

Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E

Balcron Monument Federal #24-6
SE SW Section 6, T9S, R17E

We have submitted these APDs to the Bureau of Land Management and will provide a copy of the approved Federal APDs when we have received them.

We request that the status of these wells be held tight for the maximum period allowed by State regulations.

If you have any questions or need further information, please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK				5. Lease Designation and Serial No. Fed. #U-020252-A	
1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>				6. If Indian, Allottee or Tribe Name	
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>				7. Unit Agreement Name	
2. Name of Operator BALCRON OIL				8. Farm or Lease Name Balcron Monument Federal	
3. Address of Operator P.O. Box 21017; Billings, MT 59104				9. Well No. 42-6	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 1806' FNL, 921' FEL At proposed prod. zone				10. Field and Pool, or Wildcat Monument Butte/Wasatch 105	
14. Distance in miles and direction from nearest town or post office* 10 miles southeast of Myton, Utah				11. T., Sec., R., S., or Bk. and Survey or Area SE NE Sec. 6, T9S, R17E	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drilg. line, if any)		16. No. of acres in lease		17. No. of acres assigned to this well	
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.		19. Proposed depth 5,580' WSTC		20. Rotary or cable tools Rotary	
21. Elevations (Show whether DF, RT, GR, etc.) GL 5308.6'				22. Approx. date work will start* 9-1-92	
23. PROPOSED CASING AND CEMENTING PROGRAM					
Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement	
12-1/4"	8-5/8"	24#	260'	250 sx "G"	
7-7/8"	5-1/2"	15.5#	5,580'	See EXHIBIT "D"	

Operator plans to drill this well in accordance with the Federal permit which is attached. Upon Federal approval, a copy of the permit will be sent to the State of Utah, Division of Oil, Gas and Mining.

CONFIDENTIAL

RECEIVED

JUN 19 1992

DIVISION OF
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Coordinator of Environmental

Signed Bobbie Schuman

Title and Regulatory Affairs

Date June 18, 1992

(This space for Federal or State office use)

API NO. 43-013-313104

Approval Date

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Approved by _____
Conditions of approval, if any:

Title _____

DATE: 7-27-92

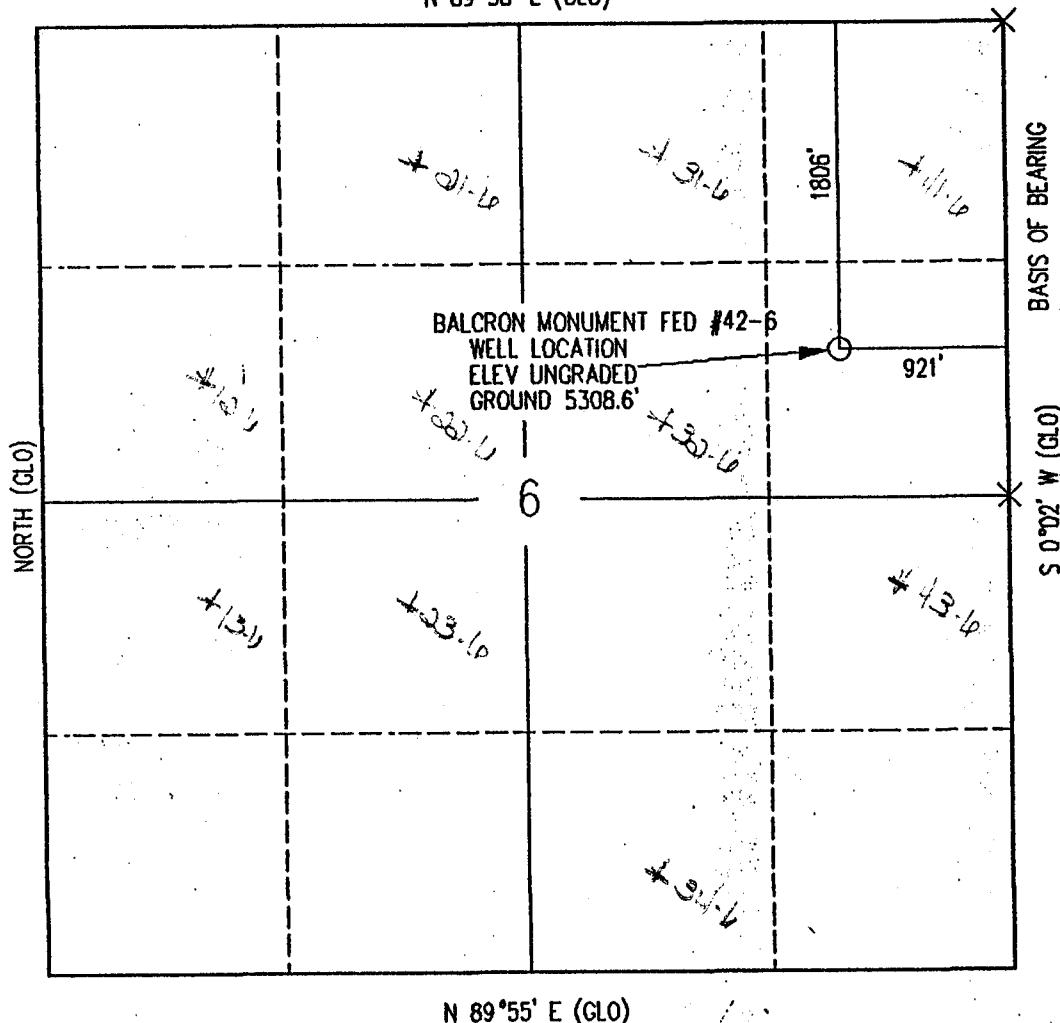
BY: [Signature]

WELL SPACING: 649-3-3

*See Instructions On Reverse Side

T9S, R17E, S.L.B. & M.

N 89°58' E (GLO)



X = SECTION CORNERS LOCATED

BASIS OF BEARINGS; G.L.O. PLAT 1911

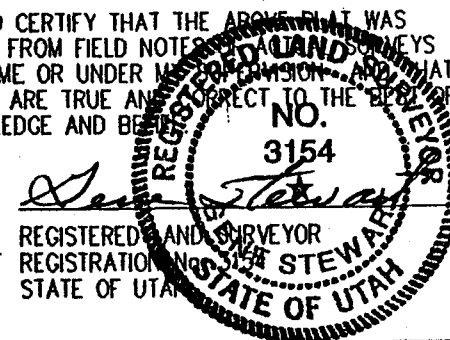
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SOUTHEAST)

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #42-6,
 LOCATED AS SHOWN IN THE SE 1/4 NE 1/4
 OF SECTION 6, T9S, R17E, S.L.B. & M,
 DUCHESNE COUNTY UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
 PREPARED FROM FIELD NOTES AND SURVEYS
 MADE BY ME OR UNDER MY SUPERVISION AND THAT
 THE SAME ARE TRUE AND CORRECT TO THE BEST OF
 MY KNOWLEDGE AND BELIEF.



TRI STATE LAND SURVEYING & CONSULTING
 38 EAST 100 NORTH, VERNAL, UTAH 84078
 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: SS KH
DATE: 4/3/92	WEATHER: CLEAR & HOT
NOTES:	FILE # #42-6

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1806' FNL 921' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,580'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5308.6'

22. APPROX. DATE WORK WILL START*

9/1/92

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx "G"
7-7/8"	5-1/2"	15.5#	5,580'	See RECEIVED

JUN 19 1992

DIVISION OF
OIL, GAS & MINING

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM

"B" PROPOSED SURFACE USE PROGRAM

"C" GEOLOGIC PROGNOSIS

"D" DRILLING PROGRAM

"E" EVIDENCE OF BOND COVERAGE

"F" ARCHEOLOGY REPORT

"G" RIG LAYOUT

"H" BOPE SCHEMATIC

"I" LOCATION SITE AND ELEVATION

"J" EXISTING ROADS/PLANNED ACCESS (MAPS A & B)

"K" EXISTING WELLS (MAP C)

"L" DRILL PAD LAYOUT

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

DATE

June 18, 1992

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #42-6
SE NE Section 6-T9S-R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. The annular preventer will be tested to 500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Duchesne River formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as the BLM approves all requirements included in this APD.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

SURFACE USE PROGRAM

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162.3-1 (d):

1. EXISTING ROADS:

- a. From Myton, Utah, take Highway #40 west out of town 1.6 miles to the Sand Wash road. Go south on the Sand Wash road for 10.0 miles. Turn right onto the Monument Butte Gas Plant road. Go 1.1 miles west on gas plant road. Turn left and follow lease road 0.4 miles to the location.
- b. Existing roadways need no improvements for these drilling operations.
- c. All existing roads used by these drilling operations will be maintained in the same or better condition as were existing prior to entry.
- d. See EXHIBIT "J" Maps A and B for access route.

2. PLANNED ACCESS ROADS: See EXHIBIT "J" Maps A & B

- a. Length: Approximately 0.2 miles of new access road will be required.
- b. Width: Maximum 30' overall right-of-way with an 18' running surface.
- c. Maximum grade: 4%
- d. Turnouts: None
- e. Drainage design: This will be a barrow ditch along south side of the road.
- f. No culverts or bridges will be required. There are no cuts and/or fills on or along the proposed access road route.
- g. Surface materials: Any surface materials which are required will be native materials from the location and/or access site.
- h. No gates, cattleguards, or fence cuts and/or modifications to existing facilities will be required.
- i. Access road route has been centerline-flagged.

- j. All travel will be confined to location and access routes.
- k. All access roads and surface disturbing activities will conform to the standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. This shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. If necessary prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Road drainage crossings will be of the typical dry creek draining crossing type. Crossings, if necessary, will be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading will not be done during muddy conditions. Should mud holes develop, they will be filled in and detours around them will be avoided.

- 1. No right-of-way applications are needed for this road.

3. LOCATION OF EXISTING WELLS:

See EXHIBIT "K" Map C.

- a. Water wells: none
- b. Abandoned wells: two
- c. Temporarily abandoned wells: none
- d. Disposal wells: none
- e. Drilling wells: none
- f. Producing wells: twenty one
- g. Shut-in wells: one
- h. Injection wells: none

4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

- a. Upon completion, a sundry notice and plat showing exact production facilities will be submitted.
- b. All above-ground facilities will be painted earthtone color Desert Brown #10Y/R in accordance with the Munsell Soil Color chart within six months of the well completion unless prior written approval to proceed with another alternative has been granted via Sundry Notice.

5. LOCATION AND TYPE OF WATER SUPPLY:

- a. The drilling water source will be obtained from a private pond in Pleasant Valley owned by Keith Hickens, Myton, Utah.
- b. The drilling water will be hauled by truck to the location site by Dalbo.

6. CONSTRUCTION ROAD/LOCATION MATERIALS:

- a. Any construction materials which are required will be native materials from the location and/or access site.
- b. All construction materials for this location site and access road shall be borrowed material accumulated during the construction of the site and road. No additional construction material from other sources is anticipated at this time.
- c. Reasonable precautions will be taken to protect all lands.

7. METHODS FOR HANDLING WASTE MATERIALS AND DISPOSAL:

- a. Garbage will be stored in a dumpster and disposed of according to local and state regulations, at an approved facility. Disposal will not be allowed on location. No trash will be disposed of in the reserve pit.
- b. Fluids produced during the completion operation will be collected in test tanks. Any spills of oil, gas, salt water or other noxious fluids will be cleaned up and hauled to an approved disposal site. Burning will not be allowed.
- c. The reserve pit will not be lined unless requested by the BLM or unless it is deemed necessary by the operator. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. Saltwater or testing tanks will be located and/or diked so that any spilled fluids will flow into the reserve pit. Saltwater tanks will not be placed on topsoil stockpiles.
- e. Any produced water will be contained on site for a period not to exceed 90 days.
- f. Sewage will be disposed of according to county and state requirements. Sealed chemical portable toilets will be on location during these drilling operations. Waste and chemicals will not be disposed of on location.
- g. Cuttings will be deposited in the reserve pit.

8. ANCILLARY FACILITIES:

None anticipated.

9. LOCATION SITE LAYOUT:

- a. The proposed location site and elevation plat is shown on EXHIBIT "I".
- b. The drill pad layout, showing elevations, orientation, and access to the pad is shown on EXHIBIT "L".
- c. The drilling rig facilities layout is shown on EXHIBIT "G". No permanent living facilities are planned. There will be two or three trailers on location during drilling operations.
- d. The reserve pit and the blooie pit will be constructed as a combination pit capable of holding 12,000 bbls of fluid. The size of the pit will be approximately equivalent to four times the TD hole volume. The blooie pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the location.
- e. The reserve pit will be located on the South side of the location. It will be constructed long and narrow for topographic reasons.
- f. Flare pit will be located downwind of the prevailing wind directions near corner #8 a minimum of 100' from the wellhead and 30' from the reserve pit fence.
- g. Stockpiled topsoil (first 6 inches) will be stored on the NW near corner #8.
- h. Access to the wellpad will be from the west between corner #7 and #8.
- i. The northeast corner of the wellpad will be rounded off to avoid the large fill.
- j. All pits will be fenced according to the following minimum standards:
 - a. 39-inch net wire will be used with at least one strand of barbed wire on top of the net wire unless pipe or some type of reinforcement rod is attached to the top of the entire fence.
 - b. The net wire shall be no more than 2 inches above the ground. If barbed wire it shall be 3 inches above the net wire. Total height of fence will be at least 42 inches.

- c. Corner posts will be cemented and/or braced in such a manner to keep the fence tight at all times. Standard steel, wood, or pipe posts will be used between the corner braces. Maximum distance between any two posts will be no greater than 16'.
- d. All wire will be stretched before it is attached to the corner posts.

The reserve pit will be fenced on three sides during drilling operations and on the fourth side when the rig moves off locations. Pits will be fenced and maintained until clean-up.

10. PLANS FOR RECLAMATION OF LOCATION SITE:

The BLM will be contacted prior to commencement of any reclamation operations.

Producing location:

- a. Immediately upon well completion, the location and surrounding areas will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons in the pit will be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used, it will be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion. Before any dirt work takes place, the reserve pit will have all fluids and hydrocarbons removed and all trash will be removed.

Dry hole/abandoned location:

At such time as the well is plugged and abandoned, operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP:

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

12. OTHER INFORMATION:

- a. See EXHIBIT "F" which is the Archeology Survey.

- b. If unexpected cultural resources are observed during construction or reclamation operations, Equitable Resources Energy Company's Balcron Oil division will suspend operations in the vicinity of the discovery and immediately report the finding to the BLM District Office.
- c. Evidence of bond coverage is included in this report, see EXHIBIT "E".
- d. Operator will have on site a copy of the Surface Use Program and a copy of the supplemental conditions.
- e. Drilling operations will be conducted in accordance with the Bureau of Land Management conditions of approval when received.

13. OPERATOR'S REPRESENTATIVES:

Balcron Oil, a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406) 259-7860
FAX: (406) 245-1361

Dave McCoskery, Drilling Engineer Home: (406) 248-3864

Mike Perius, Operations Supervisor Home: (406) 656-9719

14. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

June 18, 1992
Date

Bobbie Schuman
Bobbie Schuman
Coordinator of Environmental and
Regulatory Affairs
BALCRON OIL division of Equitable
Resources Energy Company

EXHIBIT "C"

DALLACRON OIL COMPANY

Geologic Prognosis

EXPLORATORY
DEVELOPMENT X

WELL NAME: Federal #42-6 PROSPECT/FIELD: Monument Butte
 LOCATION: 921' FEL, 1806' FNL SECTION SENE 6 TOWNSHIP 9S RANGE 17E
 COUNTY: Duchesne STATE: UT GL(Ung): 5309' EST KB: 5319' TOTAL DEPTH 5680

FORM. TOPS:

Formation KB	Prognosis		Sample Top		Cnll Wl. Datum	Formation	Prognosis		Sample Top		Cnll Datum
	Depth	Datum	Depth	Datum			Depth	Datum	Depth	Datum	
		<u>5319</u>			<u>5337</u>						
Duchesne	Surf.										
Green River	<u>1519</u>	<u>3800</u>			<u>3837</u>						
Horseshoe Bench	<u>2319</u>	<u>3000</u>			<u>3037</u>						
Pay #1	<u>4299</u>	<u>1020</u>			<u>1057</u>						
Douglas Creek	<u>4749</u>	<u>570</u>			<u>607</u>						
Pay #2	<u>4758</u>	<u>561</u>			<u>598</u>						
Pay #3	<u>4931</u>	<u>388</u>			<u>425</u>						
Pay #4	<u>5088</u>	<u>231</u>									
Pay #5	<u>5251</u>	<u>68</u>			<u>105</u>						
Wasatch Tongue	<u>5600</u>	<u>281</u>			<u>NDE</u>						
T.D.	<u>5680</u>										

CONTROL WELL: Allen Federal #32-6 dir/Oil: SWNE Section 6 Township 9S Range 17E

SAMPLES:

samples, _____ to _____
 samples, _____ to _____
 samples, _____ to _____
 samples, _____ to _____
 samples, _____ to _____
 samples, _____ to _____

Send Samples To:

LOGS:

DIL from 5680 to 260
EDL-LNL-GR from 5680 to 4100
 _____ from _____ to _____
 _____ from _____ to _____
 _____ from _____ to _____
 _____ from _____ to _____
 _____ from _____ to _____

CORES:

None

DRILL STEM TESTS:

None

MUD LOGGER/HOT WIRE:

Required: (Yes/No) Yes
 Type: One Man Unit

WELLSITE GEOLOGIST:

From _____ to _____
 Name: _____ Title: _____
 Address: _____

COMMENTS:

PREPARED BY: Steve W. VanDelinder and
Keven K. Reinschmidt

DATE: 5-6-92

**BALCRON OIL
DRILLING PROGRAM**

WELL NAME: Balcron Monument Butte PROSPECT/FIELD: Monument Butte
Federal # 42-6
LOCATION: SE NE Sec 6 Twn 9S Rge 17E
COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5580'

HOLE SIZE INTERVAL

12 1/4" Surf to 260'
7 7/8" 260' to 5580'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface	0'	260'	8 5/8"	24 #/FT	J-55
Production	0'	5580'	5 1/2"	15.50#/Ft	J-55

All casing will be ST&C, 8RD, New

CEMENT PROGRAM

Surface 250 sacks class "G" with 3% CaCl.
(Note: Volumes are 100% excess.)

Production 250 sacks Haliburton Hifill with 10 #/SK
Gilsonite tailed with 180 sacks 50/50 Poz with
0.3% CFR-3, 1/4 #/SK Flocele, 0.5% Halad-24, and
10% salt.
(Note: Actual volumes will be calculated from
caliper log.)

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Fresh Gel/Native Mud	Surf	260	8.5	NA	NA
Fresh Gel (LSND)	260'	5580'	8.7-8.9	10-12	12-14

COMMENTS

- 1.) No cores or DSTs are planned .

DMM
5/14/92



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800



IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

CORPORATE MERGER RECOGNIZED
RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.

Cynthia L. Embretson
Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMS (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

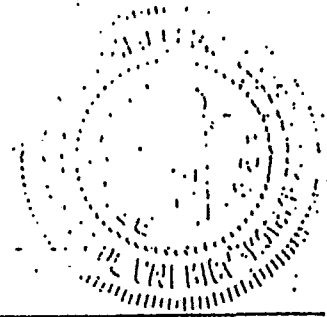
STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable



KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- ☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:



SURETY RIDER

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease Bond

Bond No. 5547188 (BLM Bond No. MT0576)

dated effective 9/8/88
(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY, as Principal,
(PRINCIPAL)

and by SAFECO INSURANCE COMPANY OF AMERICA, as Surety,
(SURETY)

In favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the Principal

From: BALCRON OIL COMPANY

To: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89
(MONTH, DAY, YEAR)

Signed and Sealed 4/10/89
(MONTH, DAY, YEAR)
EQUITABLE RESOURCES ENERGY COMPANY
PRINCIPAL

By: _____ TITLE
SAFECO INSURANCE COMPANY OF AMERICA
SURETY

By: R. George Voinchet ATTORNEY-IN-FACT



POWER
OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

No. 3798

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VEHR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,
(i) The provisions of Article V, Section 13 of the By-Laws, and
(ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
(iii) Certifying that said power-of-attorney appointment is in full force and effect,
the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

May 26, 1992

Subject: CULTURAL RESOURCE EVALUATIONS OF FOUR PROPOSED
WELL LOCATIONS IN THE CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH

Project: BALCRON OIL CO. -- 1992 Development
Program for Units 11-6, 24-6, 33-6, and 42-6

Project No.: BLCR-92-2

Permit No.: Dept. of Interior -- UT-92-54937

Utah State Project No.: UT-92-AF- 228 b

To: Ms. Bobbie Schuman, Balcron Oil Co., P.O. Box 21017,
Billings Montana 59104

Mr. David Little, District Manager, Bureau of Land
Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio
Grande, Salt Lake City, Utah 84101

CULTURAL RESOURCE EVALUATIONS
OF FOUR PROPOSED WELL LOCATIONS
(UNITS 11-6, 24-6, 33-6, and 42-6)
IN THE CASTLE PEAK DRAW LOCALITY OF
DUCHESNE COUNTY, UTAH

REPORT PREPARED FOR BALCRON OIL COMPANY

Dept. of Interior Permit No.: UT-92-54937
Utah State Project No.: UT-92-AF-228b
AERC PROJECT 1324 (BLCR-92-2)

Principal Investigator & Author of Report
F. Richard Hauck, Ph.D.



Report Prepared by the
ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)

P.O. Box 853
Bountiful, Utah 84011-0853

May 26, 1992

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company on the proposed Federal Well locations 11-6, 24-6, 33-6, and 42-6 in the Castle Peak Draw locality of Duchesne County, Utah. This series of well locations involved 10 acre survey areas. Access route corridors were also evaluated measuring ca. 30 meters in width for a total of ca. .87 mile in length. Thus, ca. 50.5 acres of public lands in the locality were examined by R. Beaty of AERC on May 21 and 22, 1992.

One significant cultural resource activity locus was identified and recorded during the examination. This site has been designated as 42DC 732 (AERC 1324B/1) and consists of an open occupation which can be avoided by realigning the access route into Unit 11-6.

One non-diagnostic isolated biface fragment of Tiger Chert was observed in the vicinity of Unit 24-6 but not collected.

The variety of known sites in Section 6 including 42DC 349, 42DC 350, 42DC 351, 42DC 352, AND 42DC 353 will be avoided by the proposed developments. No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

AERC recommends cultural resource clearance with the stipulation that the access route into Unit 11-6 should be moved to the south in order to avoid any disturbance to Site 42DC 732.

TABLE OF CONTENTS

	page
Abstract	ii
Table of Contents	iii
List of Maps of the Project Area	iv
General Information	1
Project Location	1
Environmental Description	3
Previous Research in the Locality	3
File Search	3
Prehistory and History of the Cultural Region	3
Site Potential in the Project Development Zone	4
Field Evaluations	4
Methodology	4
Site Significance Criteria	5
Results of Inventory	5
Conclusion and Recommendations	7
References	8

LIST OF MAPS OF THE PROJECT AREA

	page
MAP: Cultural Resource Survey of Four Proposed Well Locations in the Castle Peak Draw Locality, Duchesne County, Utah . . .	2

GENERAL INFORMATION

On May 21 and 22, 1992, AERC archaeologist Richard Beaty, M.A. conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved four proposed well units (Federal Units 11-6, 24-6, 33-6, and 42-6) in the Castle Peak Draw locality of Duchesne County, Utah (see Map).

This project is situated on federal lands administered by the Split Mountain Resource Area of the Vernal District of the Bureau of Land Management.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register significance relative to established criteria (cf., 36 CFR 60.6). Federal regulations require archeological assessments of potentially endangered cultural resources in order to identify and preserve significant artifacts and cultural material, strata, features, or monuments that are susceptible to disturbance being situated in the immediate development zone. These excavations and site assessments were conducted in compliance with the Antiquities Act of 1906; the Historic Sites Act of 1935; Section 106 of the National Historic Preservation Act of 1966, as amended; the National Environmental Policy Act of 1969; the Federal Land Policy and Management Act of 1979; the Archaeological Resources Protection Act of 1979; the Native American Religious Freedom Act of 1978; the Historic Preservation Act of 1980; and Executive Order 11593.

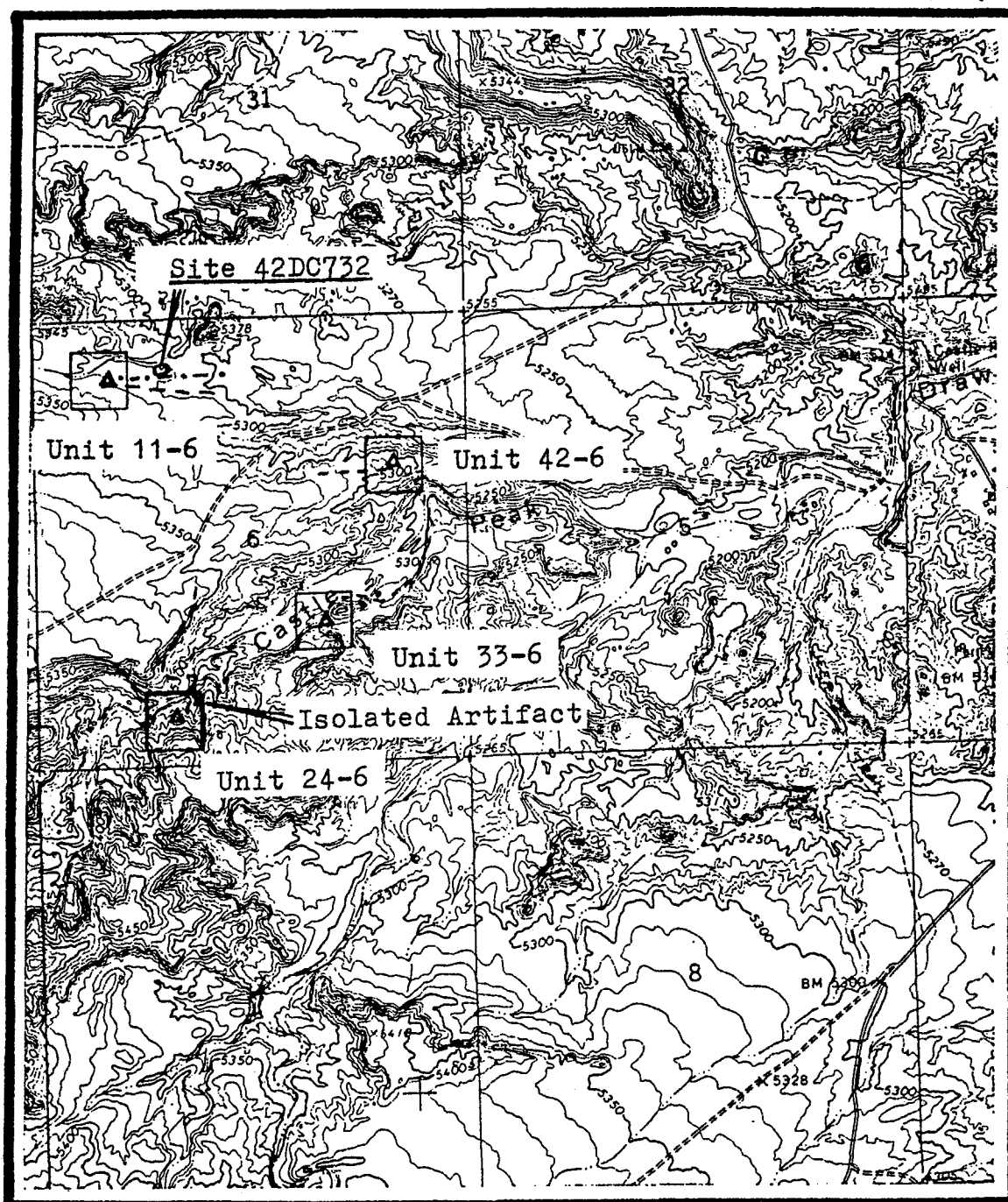
Project Location

Unit 11-6: This location is in the NW 1/4 of the NW 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with an 800' access route leading from the existing roadway to the east of the location.

Unit 24-6: This location is in the SE 1/4 of the SW 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a 2100' access route that approaches from the north as shown on the map.

Unit 33-6: This location is in the NW 1/4 of the SE 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a short access route (800') that approaches from an existing well location to the east.

Unit 42-6: This location is in the SE 1/4 of the NE 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a 900' access route that approaches from an existing well location to the west of Unit 42-6.



T. 9 South
R. 17 East
Meridian: SL
Quad: Myton SE,
Utah

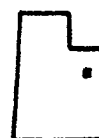
MAP
Cultural Resource Survey
of Four Proposed Well
Locations in the Castle
Peak Draw Locality

Legend:
Well Center Δ
10 Acre Survey Area \square
Access Route (original) ---
Cultural Site \circ
Isolated Artifact \times

4
N

Project: BLCR-92-2
Series: Uinta Basin
Date: 6-26-92

Scale: 1:24000



Environmental Description

The project area is situated within the 5250 to 5400 foot elevation zone above sea level. Open rangeland and shallow canyon/arroyo terrain surfaces are associated with all these locations.

The vegetation in the project area includes Chrysothamnus spp., Ephedra viridis, Atriplex canescens, Artemesia tridentata, Opuntia polyacantha, Sarcobatus vermiculatus, and Bromus tectorum.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on May 26, 1992. A similar search was conducted in the Vernal District Office of the BLM on May 20. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A few known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources including Sites 42DC 349, 42DC 350, 42DC 351, 42DC 352, and 42DC 353 were identified and recorded during various archaeological inventories conducted by AERC in 1981 (Hauck 1981).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 - 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. - A.D. 300), and Formative (ca. A.D. 400 - 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 - 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage - with the exception of the Late Prehistoric hunting and gathering Shoshonean bands - features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53).

For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone:

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters including Sites 42DC 349, 42DC 350, and 42DC 353. Open occupations have also been identified in this locality (42DC 352). Site 42DC 351 is a rock shelter. Site 42DC 353 apparently has a Paleoindian component based on the recovery of a Folsom point from that site. Sites in this locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period (Numa) with occasional indications of Paleoindian activity based on the recovery of isolated Folsom and Plano style projectile points.

The site density of this locality appears to range from six to above ten sites per square mile which is a moderate to high density for this region (see Hauck 1991:45-54 for comparable site density associations in other localities on the Northern Colorado Plateau).

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter wide transects within the well location areas and along the proposed access corridors. This series of well locations involved 10 acre survey areas. Access route corridors were evaluated measuring ca. 30 meters in width for a total of ca. .87 mile in length. Thus, ca. 50.5 acres of public lands in the locality were examined by R. Beaty of AERC on May 21 and 22, 1992.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site involves its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. The determination of site significance is also established during the examination and evaluation of the cultural resources.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

a. That are associated with events that have made a significant contribution to the broad patterns of our history; or

b. that are associated with the lives of persons significant in our past; or

c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or

d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

One newly identified prehistoric cultural resource activity loci was observed and recorded during these archaeological evaluations. This site has been designated as 42DC 732 (AERC 1324B/1) and consists of an extensive lithic scatter and open occupation containing several deflated hearths. The site is ca. 30 x 40 meters in size and contains a variety of lithic material with the siltstone from the Parachute Creek Member of the Green River Formation being most dominant on the site. The site offers two separate units in association with an ephemeral drainage channel

and a low stabilized dune complex. Several scrapers were observed on the site as was a ground stone tool. No artifacts were collected from this site.

Site 42DC 732 meets the requirements of criterion d of Title 36 CFR 60.6 in that it contains the potential for providing pertinent information and materials relative to the prehistory of the locality and region. In addition, this site has contextual integrity.

The original access route into Unit 11-6 passes along the southern periphery of this site (see Map). In order to avoid any disturbance to this significant resource, AERC recommends that a new access road be planned that will be ca. 100 to 200 feet to the south of the original access route as shown on Map.

No previously recorded cultural sites will be adversely affected by the proposed developments.

One isolated artifact was observed during the evaluations. This artifact consists of a biface fragment of Tiger Chert that was observed in the vicinity of Unit 24-6. This isolate was not collected.

CONCLUSION AND RECOMMENDATIONS:


AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the proposed units as noted above based upon adherence to the following stipulations:

1. In order to avoid any disturbance to Site 42DC 732, AERC recommends that a new access road into Unit 11-6 be developed that will pass ca. 100 to 200 feet to the south of the original access route as shown on Map.

2. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

4. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Hauck, F. Richard

1981 CULTURAL RESOURCE INVENTORY OF NINE PROPOSED WELL LOCATIONS AND ACCESS ROADS IN THE COYOTE BASIN LOCALITY OF UINTAH COUNTY, UTAH AND IN THE CASTLE PEAK DRAW LOCALITY OF DUCHESNE COUNTY, UTAH. AERC Report prepared for Diamond Shamrock Exploration (DS-81-2), Bountiful.

1991 ARCHAEOLOGICAL EVALUATIONS ON THE NORTHERN COLORADO PLATEAU CULTURAL AREA, AERC PAPER No. 45, Archeological-Environmental Research Corporation, Bountiful.

Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Summary Report of
Inspection for Cultural Resources

Authorization No. U.9.2.A.F.2.2.8.b. .

Report Acceptable Yes ☐ No ☐

Mitigation Acceptable Yes ☐ No ☐
Comments: _____

C A S T L E P E A K D R A W L O C A T I O N S

1. Report Title

BALCRON OIL CO. UNITS 11-6, 24-6, 33-6, AND 42-6

2. Development Company
5 26 1 9 9 2 UT-92-54937

3. Report Date 4. Antiquities Permit No.

A E R C B L C R - 9 2 - 2 Uintah
5. Responsible Institution County

6. Fieldwork

0 9 S 1 7 E 0 6
Location: TWN RNG Section.

7. Resource
Area TWN RNG Section.
.S.M. TWN RNG Section.

8. Description of Examination Procedures: The archeologist, Richard Beaty, intensively examined these proposed locations and access corridors by walking a series of 10 to 20 meter-wide transects within the well parcels and flanking the flagged centerlines. This series of well locations involved 10 acre survey parcels on all four locations.

9. Linear Miles Surveyed 1 . 4 2
and/or
Definable Acres Surveyed
and/or
Legally Undefinable 5 7 . 2
Acres Surveyed
10. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

11. Description of Findings: One cultural resource site was identified during the survey. No isolated artifacts were observed, recorded, or collected. This site (42DC 732) consists of an
12. Number Sites Found . 1
13. Collection: . Y .
(Y = Yes, N = No)
(continued on page 2)

14. Actual/Potential National Register Properties Affected: The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search. Location/ Date: Utah SHPO 5-26-92
Vernal District Office Records 5-20-92

16. Conclusion/ Recommendations: AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations: (see page 2).

17. Signature of Administrator & Field Supervisor
Administrator
Field Supervisor

[Signature]
R. Beaty (by *[Signature]*)

11. continued:

open occupation and lithic scatter that is adjacent to the original access route into Unit 11-6. The access route was subsequently moved in order to avoid any disturbance to this significant resource.

16. continued:

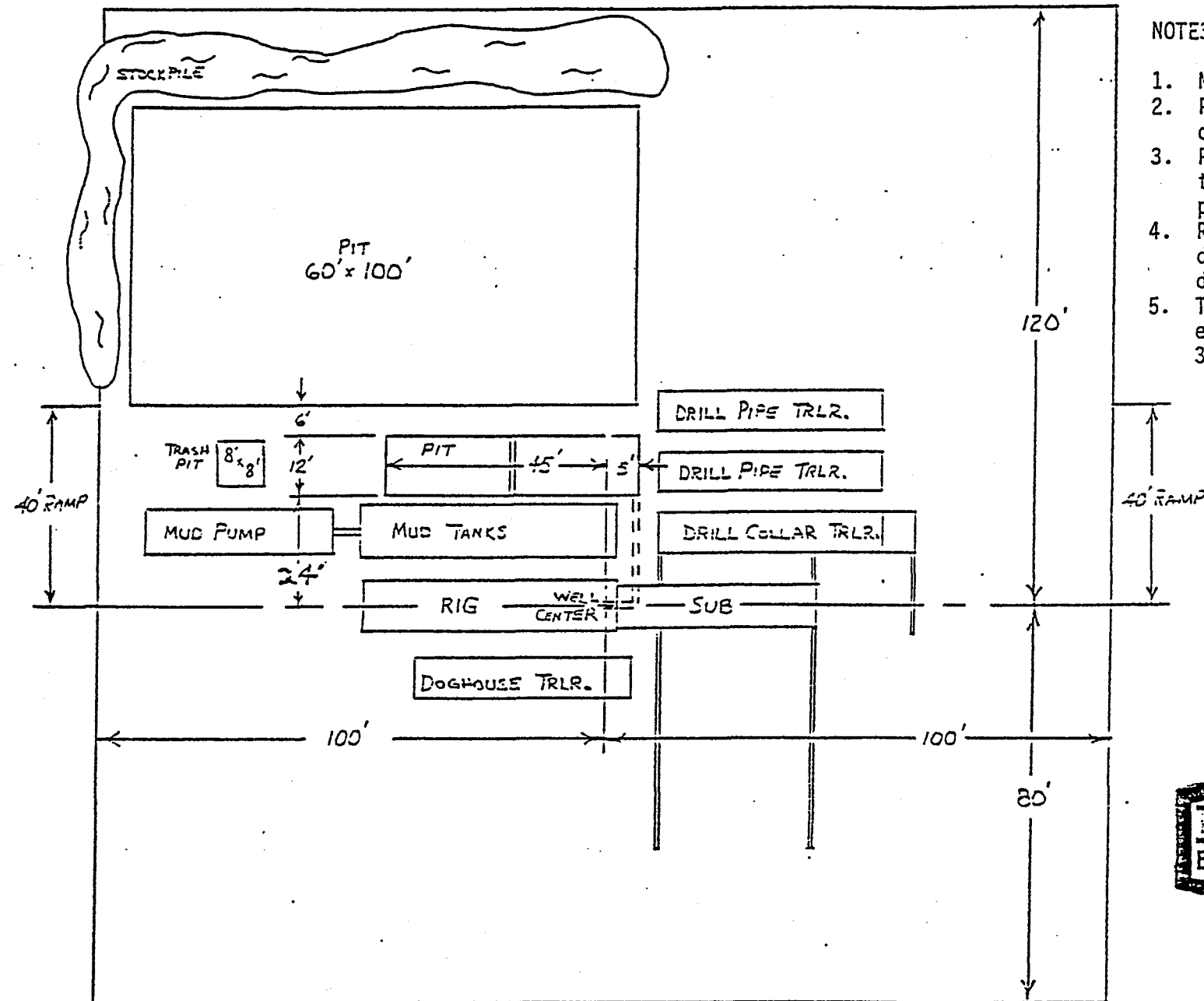
1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

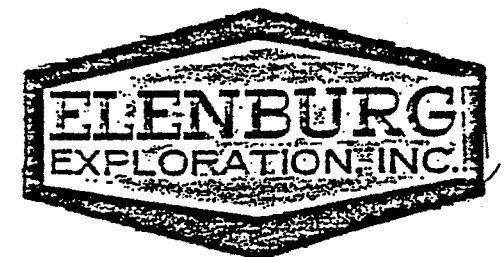
4. The original access route into Unit 11-6 should be shifted to the south into the corridor shown on map in order to avoid Site 42DC 732.

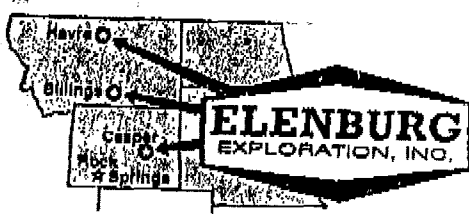
LOCATION AND RIG LAYOUT FOR RIGS 11, 12, and 14



NOTES:

1. Make pits 6' deep.
2. Pits need to be in the cut.
3. Push up a divider in the middle of the pit shown.
4. Rip a 2' deep x 2' wide ditch as shown by the dotted line.
5. Truck access on each end of location 0° - 30°.



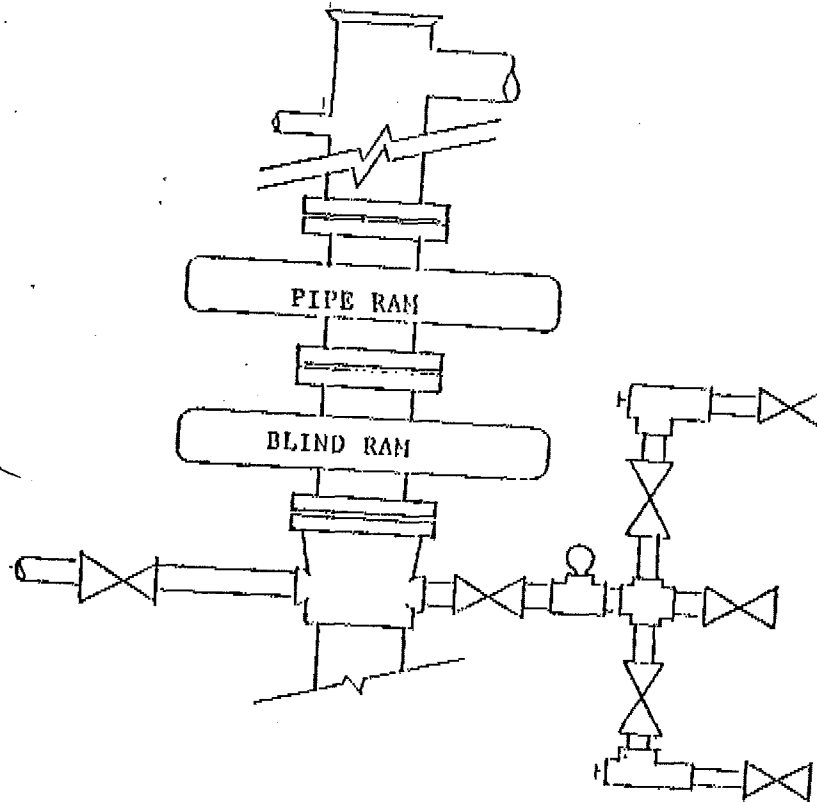


ROTARY DRILLING WITH MUD & AIR SINCE 1966

Main Office
1910 N. Loop Ave.
P.O. Box 2440
Casper, Wyoming 82602
(307) 235-8609

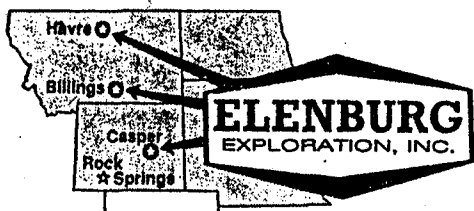
Billings Office
2047 E. Main
Billings, Montana 59103
(406) 245-3511

Havre, Montana Yard
4 mi. W. Hwy 2



9" Bore - 2000 PSI
Blowout Preventer Stack

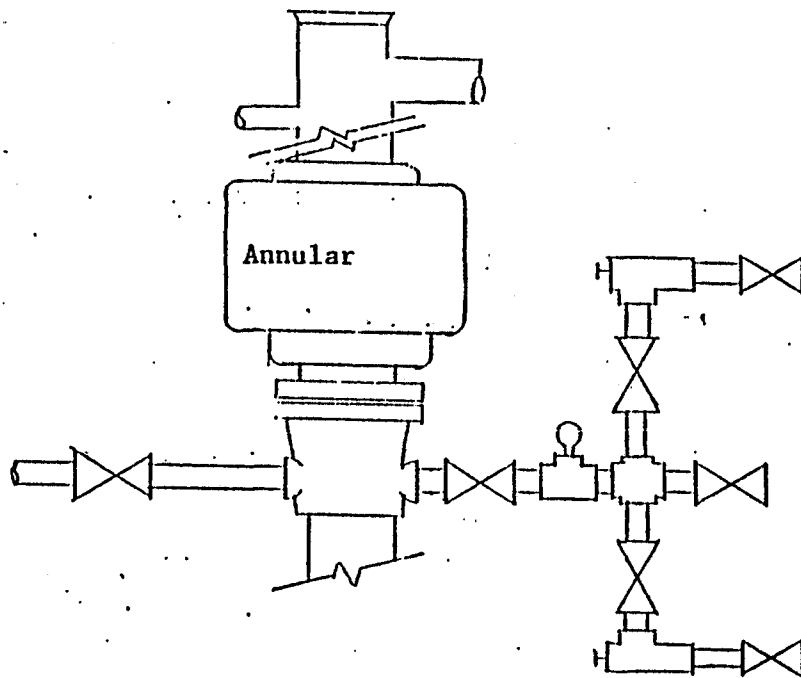
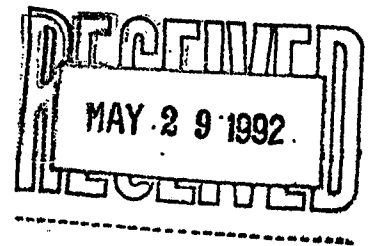
EXHIBIT "H"
ROTARY DRILLING WITH MUD & AIR SINCE 1966



Main Office
1910 N. Loop Ave.
P.O. Box 2440
Casper, Wyoming 82602
(307) 235-8609

Billings Office
2047 E. Main
Billings, Montana 59103
(406) 245-3511

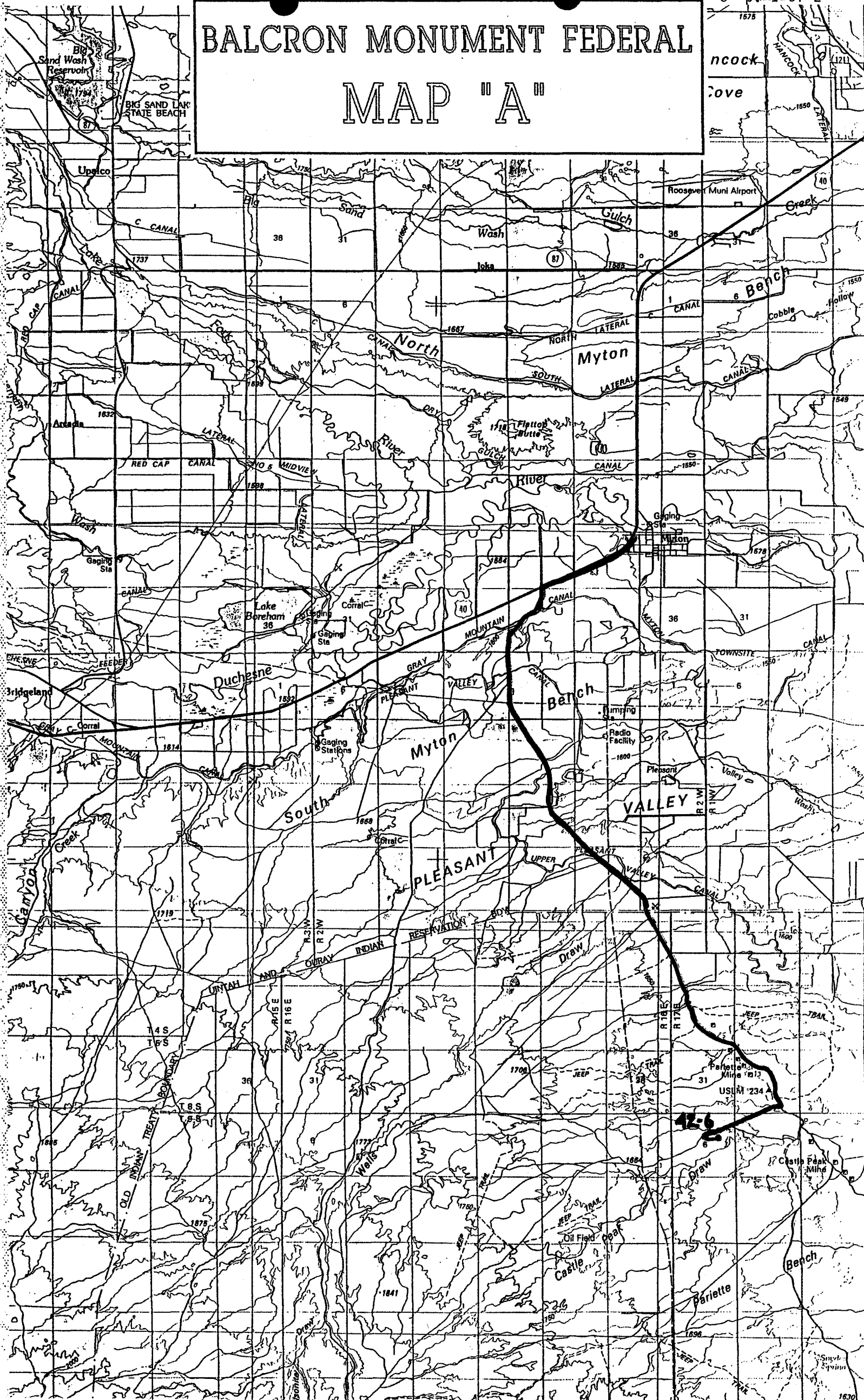
Havre, Montana Yard
4 mi. W. Hwy 2

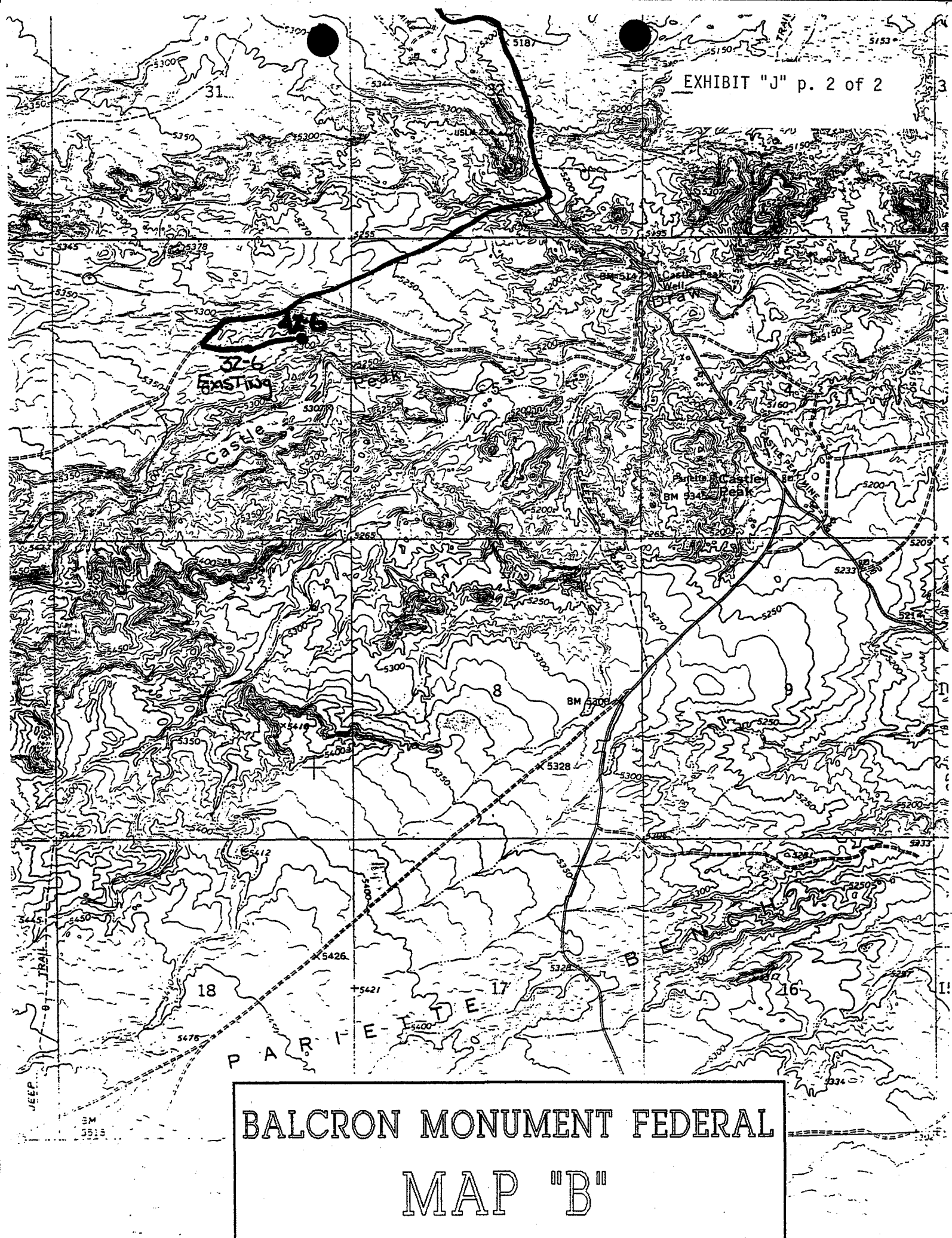


9" Bore-1000 PSI
Blowout Preventer Stack

BALCRON MONUMENT FEDERAL

MAP "A"





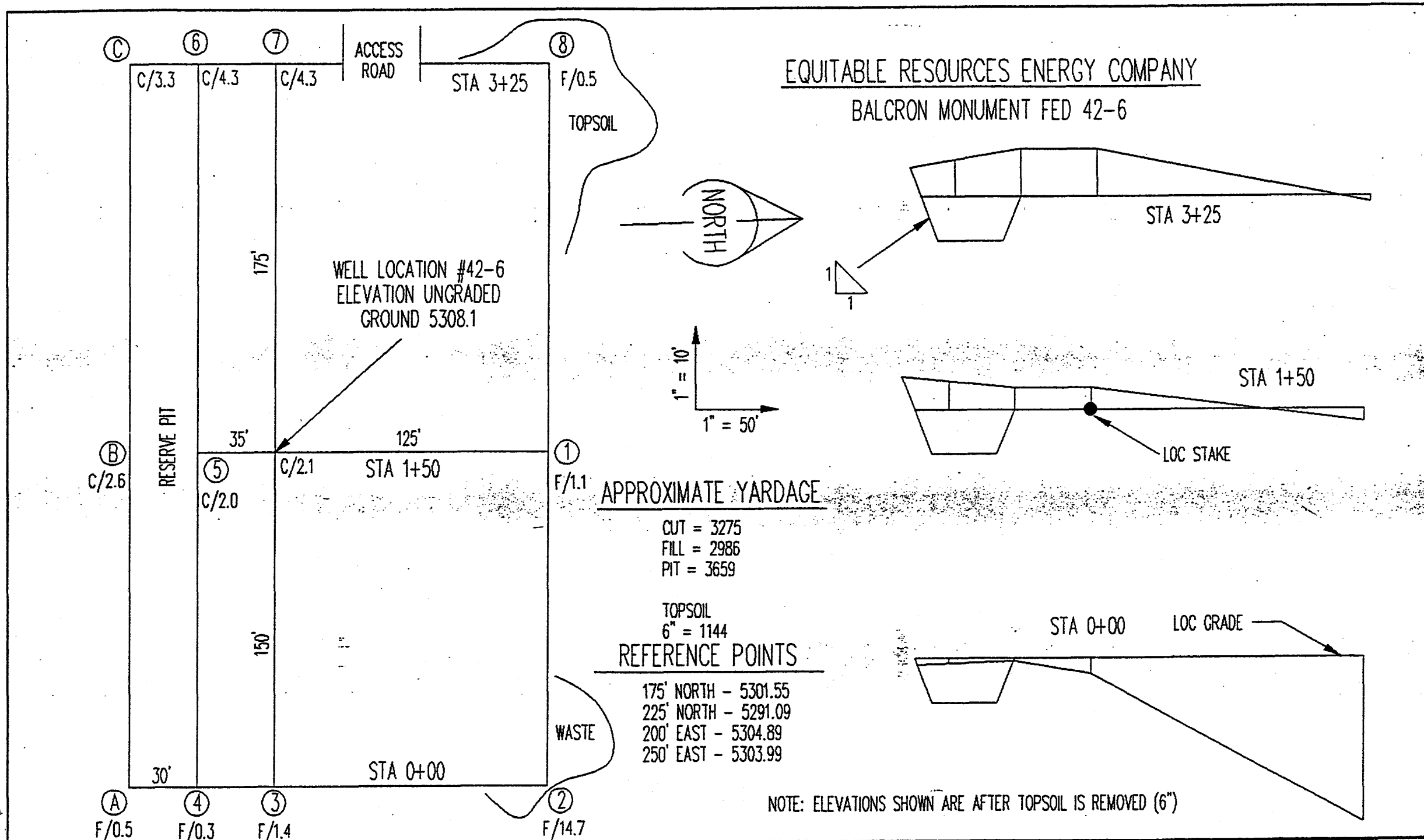
Balcron Monument Federal #42-6
—EXHIBIT "K" Map C

31

6

7

12





BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

JUL 02 1992

DIVISION OF
OIL GAS & MINING

June 30, 1992

Tami Searing
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Tami:

The following wells are Exceptions to Location due to
topographical reasons:

Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Duchesne County, Utah

~~43-047-32258~~

Balcron Monument Federal #24-6
SE SW Section 6, T9S, R17E
Duchesne County, Utah

If you have any questions or need further information,
please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

OPERATOR Balcon Oil 1-9890 DATE 6-04-90
WELL NAME Balcon monument federal 40-6
C GENE 6 T 95 R ITE COUNTY Dischune

43-013-31364
API NUMBER

federal (1)
TYPE OF LEASE

CHECK OFF:

☒ PLAT.

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD SLBM

☒ POTASH OR OIL SHALE

CONFIDENTIAL

PROCESSING COMMENTS:

Subal additional wells within Sec 10.
Water Permit

APPROVAL LETTER:

PACINGS: ☐ R615-2-3 N/A ☐ R615-3-2
UNIT
☐ N/A ☐ R615-3-3
CAUSE NO. & DATE

STIPULATIONS:

1- Water Permit
CONFIDENTIAL
PERIOD
EXPIRED
ON 10-04-93



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

July 27, 1992

Balcron Oil
P.O. Box 21017
Billings, Montana 59104

Gentlemen:

Re: Balcron Monument Federal 42-6 Well, 1806 feet from the north line, 921 feet from the east line, SE 1/4 NE 1/4, Section 6, Township 9 South, Range 17 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-3 and Utah Admin. R. 649-3-4, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Submittal to the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. § 73-3, Appropriations, prior to commencing drilling operations.
2. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
3. Notification within 24 hours after drilling operations commence.
4. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
5. Submittal of the Report of Water Encountered During Drilling, Form 7.
6. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2
Balcron Oil
Balcron Monument Federal 42-6 Well
July 27, 1992

7. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31364.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
J.L. Thompson
WO11

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN ☒ **PLICATE***
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1806' FNL 921' FEL

At proposed prod. zone

AUG 04 1992

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles southeast of Myton, Utah

DIVISION OF
OIL GAS & MINING

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

5,580'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5308.6'

22. APPROX. DATE WORK WILL START*

9/1/92

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx "G"
7-7/8"	5-1/2"	15.5#	5,580'	See EXHIBIT "D"

EXHIBITS ATTACHED

"A" PROPOSED DRILLING PROGRAM
"B" PROPOSED SURFACE USE PROGRAM
"C" GEOLOGIC PROGNOSIS
"D" DRILLING PROGRAM
"E" EVIDENCE OF BOND COVERAGE

"F" ARCHEOLOGY REPORT
"G" RIG LAYOUT
"H" BOPE SCHEMATIC
"I" LOCATION SITE AND ELEVATION PLAT
"J" EXISTING ROADS/PLANNED ACCESS (MAPS A & B)
"K" EXISTING WELLS (MAP C)
"L" DRILL PAD LAYOUT

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bobbie Schuman
Bobbie Schuman

TITLE

Coordinator of Environmental
and Regulatory Affairs

DATE

June 18, 1992

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

TITLE

Acting

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

JUL 23 1992

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Revised November 1990

Date NOS Received: 5/7/92

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

RECEIVED

AUG 04 1992

**DIVISION OF
OIL GAS & MINING**

Company/Operator: EQUITABLE RESOURCES ENERGY COMPANY
Well Name & Number: BALCRON MONUMENT FEDERAL #42-6
Lease Number: U-020252A
Location: SENE Sec. 6 T. 9S R. 17E
Surface Ownership: FEDERAL

NOTIFICATION REQUIREMENTS

- Location Construction - forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well
- Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

If a plastic nylon reinforced liner is used, it will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

Exhibit L is considered to be the drill pad layout showing elevations, orientation, access, etc., and not Exhibit G.

The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon certification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

A silt catchment dam and basin will be constructed according to BLM specifications approximately 240' south of the location, where flagged. A copy of the BLM specifications are attached.

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

MINIMUM STANDARDS FOR DAMS IMPOUNDING UNDER 10 AC. FT.

I. Site Location and Design

- A. Authorized BLM personnel shall approve site location, fill material, foundation material, and spillway size and location.
- B. Construction shall be per attached diagram.

II. Borrow Areas

- A. Borrow material shall be taken from within the reservoir basin below high water line whenever possible.
- B. Vegetation, debris and topsoil shall be removed to a depth of 12 inches below natural ground line and deposited as directed.
- C. Vegetation, debris and topsoil shall be stockpiled to be used as cover for borrow areas above the high water line or spread on downstream side of dam.
- D. Borrow areas above the high water line shall be contoured to blend into natural ground lines.

III. Core Trench and Dam Foundation

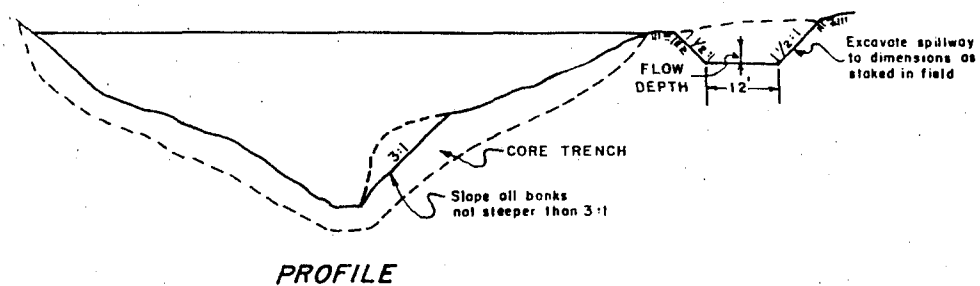
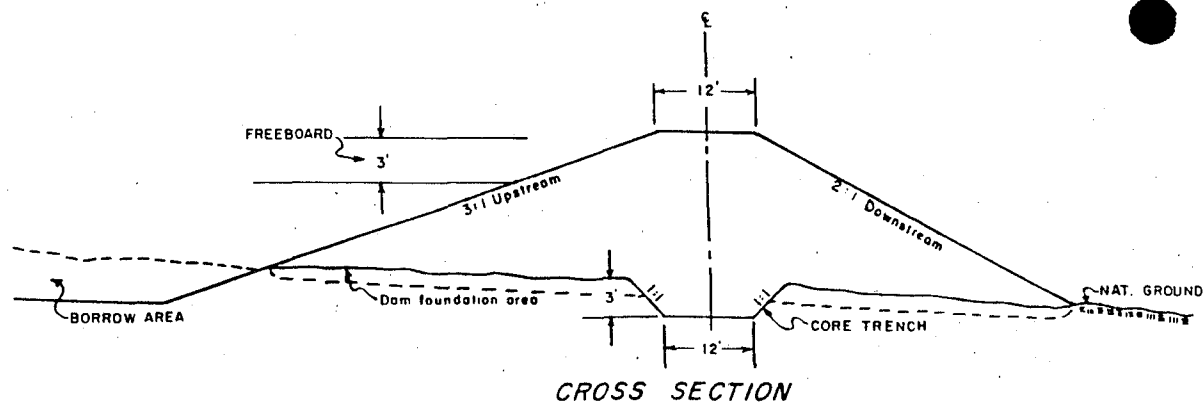
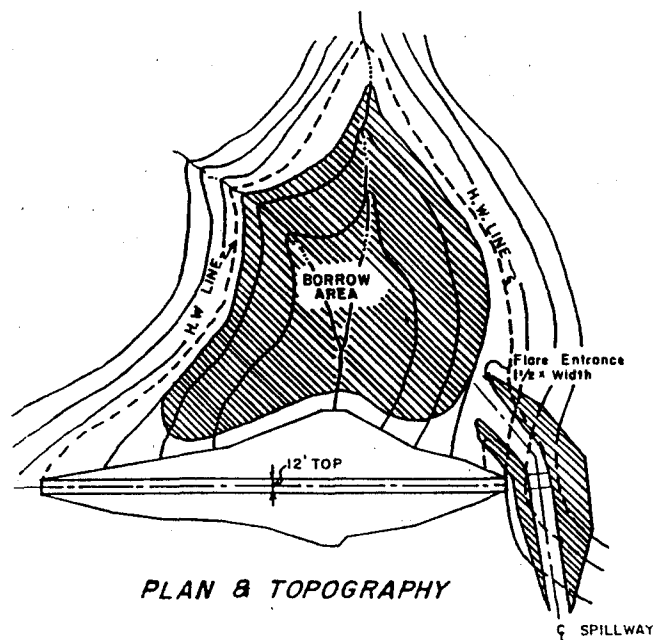
- A. A core trench shall be constructed 12 feet wide along the full length of the dam center line to a minimum depth of 3 feet or bedrock.
- B. Sides of the core trench shall be no steeper than 1:1 slope.

IV. Dam and Core Fill

- A. Fill shall be homogeneous material, preferably of high impervious, compactable soils (such as high clay content soil free of organic material, sand or rock).
- B. Lifts of fill shall not exceed 6 inches when compacted.
- C. Fill shall be built up at a consistent rate the full length of the dam.
- D. Lifts shall be compacted by at least one pass of the crawler tractor over the entire width of the lift.
- E. Downstream side of the dam shall be no steeper than 2:1 slope. Upstream side of the dam shall be no steeper than 3:1 slope.
- F. Top of the dam shall be a minimum of 12 feet wide.
- G. Maximum water depth against the dam shall be 10 feet when constructed with a crawler tractor.

V. Spillway

- A. Spillway shall be constructed through natural material.
- B. Spillway shall be constructed to divert overflow away from fill material or natural material that is an integral part of the dam.
- C. Incorporate in-place rock or hauled-in rock in spillway and at discharge point below spillway to prevent "down cutting" and "blowout" holes, when possible.
- D. Construct spillway so there is a minimum of 3 feet of freeboard on the dam.



U. S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

**RETENTION DAM
TYPICAL PLAN & SECTION**

DESIGNED _____	RECOMM. _____
DRAWN _____	RECOMM. _____
CHECKED _____	APPROVED _____

CHIEF, DIV. OF E.

RECEIVED

AUG 04 1992

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL DIVISION OF OIL GAS & MINING

Company Equitable Resources Energy Company Well No. Monument Federal 42-6
Location SENE Section 6, T9S, R17E Lease No. U - 020252 - A

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. As per Equitable Resources Energy Company, a double ram BOP stack will be used instead of the annular preventer as identified in the BOP diagram. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 2,980 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) shall be utilized to determine the top of cement (TOC) and bond quality for the production casing.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

92T&E042

SPECIAL STATUS PLANT SPECIES REPORT

Proposed Project: Balcron Oil Division - Wells 11-6, 24-6, and 42-6 and 33-6

Proposed Location: All locations within Township 9 South, Range 17 East, SLB&M, section 6

Brief Description of Proposed Project: Balcron Oil Division of Equitable Resources Energy Co., proposes to drill four oil wells in the Monument Butte Field. For the most part, access will be along existing roads and/or trails. However new access would be needed for each location:

Well 11-6	.15 mile
Well 24-6	.40 mile
Well 33-6	.25 mile
Well 42-6	<u>.20</u> mile
Total New Access:	1.00 mile

Setting: All proposed well would be located approximately 2 miles west of the Castle Peak topographic feature on Pariette Bench in the Monument Butte Field. Two of the wells (24- and 33-6) would be located in the immediate floodplain of Castle Peak Draw. Proposed well locations 11- and 42-6 would be located on the benches or gently rolling hills immediately north of Castle Peak Draw. Existing native vegetation for these locations is sparse associated with a mixed desert shrub, i.e., saltbush, horsebrush, budsage, spiny hopsage, galletta grass. Soil textures range from shaley shallow loam (well 24- and 42-6) to sand and sandy loams (11- and 33-6). Information provided by Balcron assigns Uinta Formation for the geologic classification.

Methodology of Exam: Existing resource area data files covering special status plant species covering the proposed well locations were reviewed for possible SSPS habitat. No such habitat was identified as occurring within the proposed well sites and access roads or their vicinities. No field exam was deemed necessary, based on the review of this data.

Follow-up Action and/or Recommendation: Based on the existing resource area files and personal knowledge of the area, it is my opinion a no affect situation exists and that the proposed projects, as shown on the attached maps, is cleared from a special status plant species perspective.

June 30, 1992
Date

Jean Nitschke-Sinclear
Jean Nitschke-Sinclear, District T&E Plant Specialist



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

P. O. Box 853 Bountiful, Utah 84011-0853
Tel: (801) 292-7061, 292-9668

May 26, 1992

Subject: CULTURAL RESOURCE EVALUATIONS OF FOUR PROPOSED
WELL LOCATIONS IN THE CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH

Project: BALCRON OIL CO. -- 1992 Development
Program for Units 11-6, 24-6, 33-6, and 42-6

Project No.: BLCR-92-2

Permit No.: Dept. of Interior -- UT-92-54937

Utah State Project No.: UT-92-AF- 228 b

To: Ms. Bobbie Schuman, Balcron Oil Co., P.O. Box 21017,
Billings Montana 59104

Mr. David Little, District Manager, Bureau of Land
Management, 170 South 500 East, Vernal, Utah 84078

Info: Antiquities Section, Division of State History, 300 Rio
Grande, Salt Lake City, Utah 84101

Handwritten note:
Ave. site 1222 732 29 111 112
1222 732 29 111 112
761

CULTURAL RESOURCE EVALUATIONS
OF FOUR PROPOSED WELL LOCATIONS
(UNITS 11-6, 24-6, 33-6, and 42-6)
IN THE CASTLE PEAK DRAW LOCALITY OF
DUCHESNE COUNTY, UTAH

REPORT PREPARED FOR BALCRON OIL COMPANY

Dept. of Interior Permit No.: UT-92-54937
Utah State Project No.: UT-92-AF-228b
AERC PROJECT 1324 (BLCR-92-2)

Principal Investigator & Author of Report
F. Richard Hauck, Ph.D.



Report Prepared by the
ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)

P.O. Box 853
Bountiful, Utah 84011-0853

May 26, 1992

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company on the proposed Federal Well locations 11-6, 24-6, 33-6, and 42-6 in the Castle Peak Draw locality of Duchesne County, Utah. This series of well locations involved 10 acre survey areas. Access route corridors were also evaluated measuring ca. 30 meters in width for a total of ca. .87 mile in length. Thus, ca. 50.5 acres of public lands in the locality were examined by R. Beaty of AERC on May 21 and 22, 1992.

One significant cultural resource activity locus was identified and recorded during the examination. This site has been designated as 42DC 732 (AERC 1324B/1) and consists of an open occupation which can be avoided by realigning the access route into Unit 11-6.

One non-diagnostic isolated biface fragment of Tiger Chert was observed in the vicinity of Unit 24-6 but not collected.

The variety of known sites in Section 6 including 42DC 349, 42DC 350, 42DC 351, 42DC 352, AND 42DC 353 will be avoided by the proposed developments. No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

AERC recommends cultural resource clearance with the stipulation that the access route into Unit 11-6 should be moved to the south in order to avoid any disturbance to Site 42DC 732.

TABLE OF CONTENTS

	page
Abstract	ii
Table of Contents	iii
List of Maps of the Project Area	iv
General Information	1
Project Location	1
Environmental Description	3
Previous Research in the Locality	3
File Search	3
Prehistory and History of the Cultural Region	3
Site Potential in the Project Development Zone	4
Field Evaluations	4
Methodology	4
Site Significance Criteria	5
Results of Inventory	5
Conclusion and Recommendations	7
References	8

LIST OF MAPS OF THE PROJECT AREA

	page
MAP: Cultural Resource Survey of Four Proposed Well Locations in the Castle Peak Draw Locality, Duchesne County, Utah . . .	2

GENERAL INFORMATION

On May 21 and 22, 1992, AERC archaeologist Richard Beaty, M.A. conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved four proposed well units (Federal Units 11-6, 24-6, 33-6, and 42-6) in the Castle Peak Draw locality of Duchesne County, Utah (see Map).

This project is situated on federal lands administered by the Split Mountain Resource Area of the Vernal District of the Bureau of Land Management.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register significance relative to established criteria (cf., 36 CFR 60.6). Federal regulations require archeological assessments of potentially endangered cultural resources in order to identify and preserve significant artifacts and cultural material, strata, features, or monuments that are susceptible to disturbance being situated in the immediate development zone. These excavations and site assessments were conducted in compliance with the Antiquities Act of 1906; the Historic Sites Act of 1935; Section 106 of the National Historic Preservation Act of 1966, as amended; the National Environmental Policy Act of 1969; the Federal Land Policy and Management Act of 1979; the Archaeological Resources Protection Act of 1979; the Native American Religious Freedom Act of 1978; the Historic Preservation Act of 1980; and Executive Order 11593.

Project Location

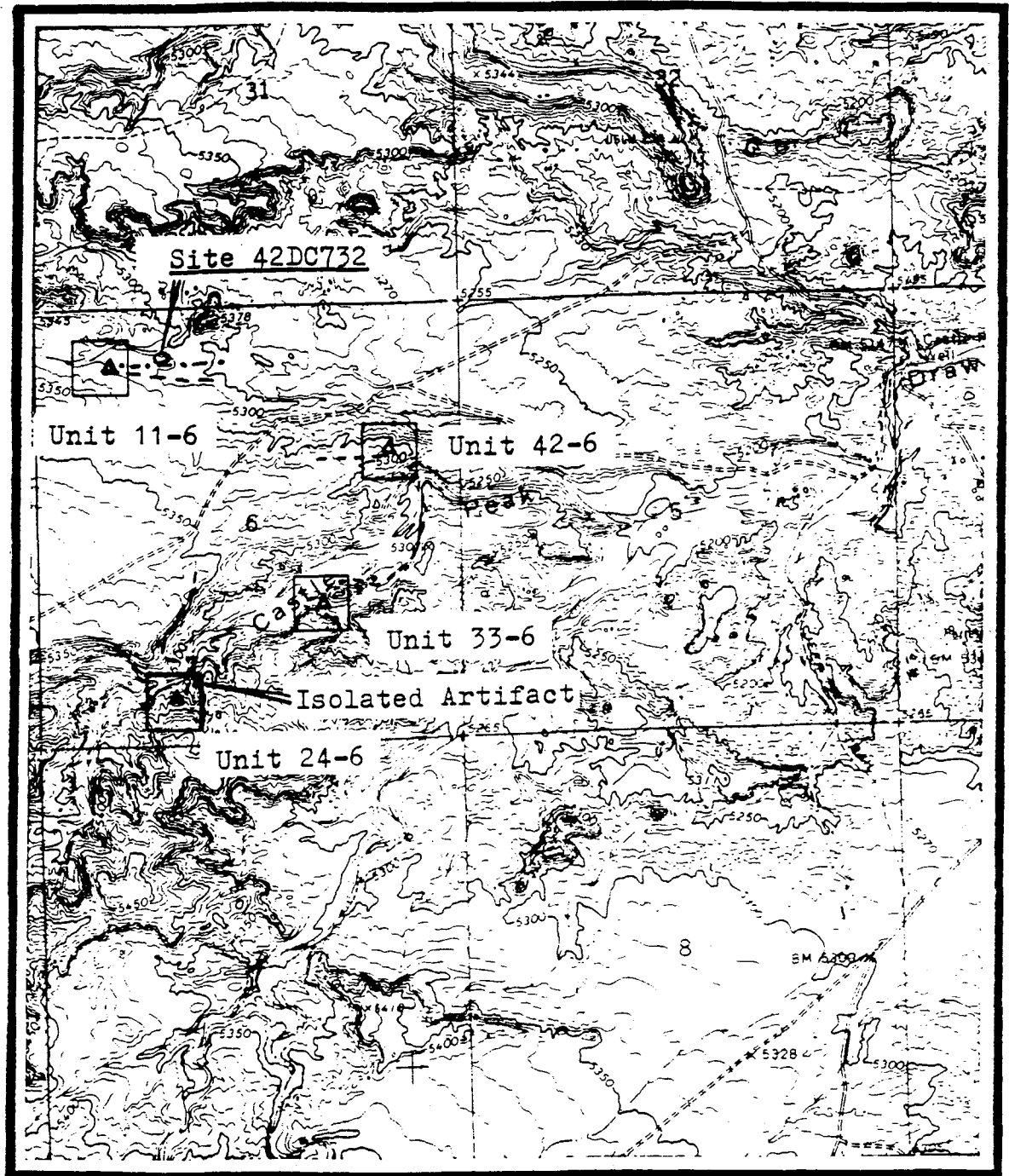
Unit 11-6: This location is in the NW 1/4 of the NW 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with an 800' access route leading from the existing roadway to the east of the location.

Unit 24-6: This location is in the SE 1/4 of the SW 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a 2100' access route that approaches from the north as shown on the map.

Unit 33-6: This location is in the NW 1/4 of the SE 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a short access route (800') that approaches from an existing well location to the east.

Unit 42-6: This location is in the SE 1/4 of the NE 1/4 of Section 6 of Township 9 South, Range 17 East. The location is associated with a 900' access route that approaches from an existing well location to the west of Unit 42-6.

AERC








T. 9 South
R. 17 East
Meridian: SL
Quad: Myton SE,
Utah

MAP

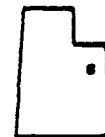
Cultural Resource Survey
of Four Proposed Well
Locations in the Castle
Peak Draw Locality

Legend:

- Well Center 
- 10 Acre Survey Area 
- Access Route (original) 
- Cultural Site 
- Isolated Artifact 

4
N

Project: Scale: 1:24000
Series: BLCR-92-2
Date: Uinta Basin
6-26-92



Environmental Description

The project area is situated within the 5250 to 5400 foot elevation zone above sea level. Open rangeland and shallow canyon/arroyo terrain surfaces are associated with all these locations.

The vegetation in the project area includes Chrysothamnus spp., Ephedra viridis, Atriplex canescens, Artemesia tridentata, Opuntia polyacantha, Sarcobatus vermiculatus, and Bromus tectorum.

The geological associations within the project area consist of fluvial lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on May 26, 1992. A similar search was conducted in the Vernal District Office of the BLM on May 20. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A few known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources including Sites 42DC 349, 42DC 350, 42DC 351, 42DC 352, and 42DC 353 were identified and recorded during various archaeological inventories conducted by AERC in 1981 (Hauck 1981).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 - 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. - A.D. 300), and Formative (ca. A.D. 400 - 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 - 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American trappers, explorers, and settlers. Basically, each cultural stage - with the exception of the Late Prehistoric hunting and gathering Shoshonean bands - features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53).

For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone:

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters including Sites 42DC 349, 42DC 350, and 42DC 353. Open occupations have also been identified in this locality (42DC 352). Site 42DC 351 is a rock shelter. Site 42DC 353 apparently has a Paleoindian component based on the recovery of a Folsom point from that site. Sites in this locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period (Numa) with occasional indications of Paleoindian activity based on the recovery of isolated Folsom and Plano style projectile points.

The site density of this locality appears to range from six to above ten sites per square mile which is a moderate to high density for this region (see Hauck 1991:45-54 for comparable site density associations in other localities on the Northern Colorado Plateau).

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter wide transects within the well location areas and along the proposed access corridors. This series of well locations involved 10 acre survey areas. Access route corridors were evaluated measuring ca. 30 meters in width for a total of ca. .87 mile in length. Thus, ca. 50.5 acres of public lands in the locality were examined by R. Beaty of AERC on May 21 and 22, 1992.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site involves its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. The determination of site significance is also established during the examination and evaluation of the cultural resources.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory

One newly identified prehistoric cultural resource activity loci was observed and recorded during these archaeological evaluations. This site has been designated as 42DC 732 (AERC 1324B/1) and consists of an extensive lithic scatter and open occupation containing several deflated hearths. The site is ca. 30 x 40 meters in size and contains a variety of lithic material with the siltstone from the Parachute Creek Member of the Green River Formation being most dominant on the site. The site offers two separate units in association with an ephemeral drainage channel

and a low stabilized dune complex. Several scrapers were observed on the site as was a ground stone tool. No artifacts were collected from this site.

Site 42DC 732 meets the requirements of criterion d of Title 36 CFR 60.6 in that it contains the potential for providing pertinent information and materials relative to the prehistory of the locality and region. In addition, this site has contextual integrity.

*concur
ABP*
The original access route into Unit 11-6 passes along the southern periphery of this site (see Map). In order to avoid any disturbance to this significant resource, AERC recommends that a new access road be planned that will be ca. 100 to 200 feet to the south of the original access route as shown on Map.

No previously recorded cultural sites will be adversely affected by the proposed developments.

One isolated artifact was observed during the evaluations. This artifact consists of a biface fragment of Tiger Chert that was observed in the vicinity of Unit 24-6. This isolate was not collected.

CONCLUSION AND RECOMMENDATIONS:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the proposed units as noted above based upon adherence to the following stipulations:

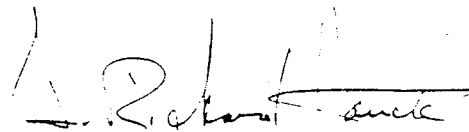
*see
p. 12*

1. In order to avoid any disturbance to Site 42DC 732, AERC recommends that a new access road into Unit 11-6 be developed that will pass ca. 100 to 200 feet to the south of the original access route as shown on Map.

2. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

3. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

4. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Project
Authorization No. U.9.2.A.F.2.2.8.b.

Report Acceptable Yes ☒ No ☐

Mitigation Acceptable Yes ☒ No ☐
Comments: _____

Summary Report of
Inspection for Cultural Resources

C A S T L E P E A K D R A W L O C A T I O N S

1. Report Title

BALCRON OIL CO. UNITS 11-6, 24-6, 33-6, AND 42-

2. Development Company

5 26 1 9 9 2

UT-92-549

3. Report Date 4. Antiquities Permit No.

A E R C B L C R - 9 2 - 2 Uintah

5. Responsible Institution County

6. Fieldwork

0 9 S 1 7 E 0 6

Location: TWN RNG Section.

7. Resource

Area TWN RNG Section.

.S.M.

TWN RNG Section.

8. Description of Examination Procedures: The archeologist, Richard Bea intensively examined these proposed locations and access corridors by walk a series of 10 to 20 meter-wide transects within the well parcels flanking the flagged centerlines. This series of well locations involved acre survey parcels on all four locations.

9. Linear Miles Surveyed 10. Inventory Type

and/or
Definable Acres Surveyed R = Reconnaissance
and/or I = Intensive

Legally Undefinable 5 7 . 2 S = Statistical Sample
Acres Surveyed

11. Description of Findings: 12. Number Sites Found . 1

One cultural resource site was identified (No sites = 0)
during the survey. No isolated artifacts 13. Collection: . Y .

were observed, recorded, or collected. (Y = Yes, N = No)
This site (42DC 732) consists of an (continued on page 2)

14. Actual/Potential National Register Properties Affected:

The National Register of Historic Places (NRHP) has been consulted and registered properties will be affected by the proposed development.

15. Literature Search Location/ Date: Utah SHPO 5-26-92

Vernal District Office Records 5-20-9

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron O Company for these proposed developments based on the following stipulation (see page 2).

17. Signature of Administrator
& Field Supervisor

Administrator

Field
Supervisor

UT 8100-3 (2/85)

[Signature]
R. Beatty (by Lel)

REFERENCES

Hauck, F. Richard

1981. CULTURAL RESOURCE INVENTORY OF NINE PROPOSED WELL LOCATIONS AND ACCESS ROADS IN THE COYOTE BASIN LOCALITY OF UINTAH COUNTY, UTAH AND IN THE CASTLE PEAK DRAW LOCALITY OF DUCHESNE COUNTY, UTAH. AERC Report prepared for Diamond Shamrock Exploration (DS-81-2), Bountiful.
1991. ARCHAEOLOGICAL EVALUATIONS ON THE NORTHERN COLORADO PLATEAU CULTURAL AREA, AERC PAPER No. 45, Archeological-Environmental Research Corporation, Bountiful.

11. continued:

open occupation and lithic scatter that is adjacent to the original access route into Unit 11-6. The access route was subsequently moved in order to avoid any disturbance to this significant resource.

16. continued:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.

2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.

3. The authorized official should be consulted should cultural remains or subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

4. The original access route into Unit 11-6 should be shifted to the south into the corridor shown on map in order to avoid Site 42DC 732.



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

October 14, 1992

RECEIVED

OCT 16 1992

DIVISION OF
OIL GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Duchesne County, Utah

Enclosed is our sundry notice reporting spud of the referenced well. Also enclosed is our Entity Action Form.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E

1806' FNL, 921' FEL

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #42-6

9. API Well No.

43-013- 31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other spud of well

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 9 a.m. 10/13/92 by Parker Air Drilling.

RECEIVED

OCT 16 1992

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Date 10-14-92

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

August 13, 1992

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Balcron Coyote Federal #42-6
SE NE Section 6, T8S, R25E
Uintah County, Utah

Enclosed are a Notice of Intent to Abandon and a
Subsequent Report of Abandonment for the referenced well.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: BALCRON 43-013-31364

WELL NAME: MONUMENT FEDERAL 42-6

Section 6 Township 9S Range 17E County DUCHESNE

Drilling Contractor MOLEN

Rig # 1

SPUDDED: Date 10/13/92

Time 9:00 AM

How DRY HOLE

CONFIDENTIAL

Drilling will commence _____

Reported by BOBBIE SCHUMAN

Telephone # _____

Date 10/14/92 SIGNED FRM

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR BALCRON OIL
ADDRESS P.O. Box 21017
Billings, MT 59104

OPERATOR ACCT. NO. N 9890

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11431	43-013-31364	Balcron Monument Federal #42-6	SE NE	6	9S	17E	Duchesne	10/13/92	10/13/92
WELL 1 COMMENTS: Spud of new well <i>Entity added 10-20-92 for</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
 A - Establish new entity for new well (single well only)
 B - Add new well to existing entity (group or unit well)
 C - Re-assign well from one existing entity to another existing entity
 D - Re-assign well from one existing entity to a new entity
 E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

RECEIVED

OCT 16 1992

DIVISION OF
OIL GAS & MINING

Bobbie Schuman
 Signature
 Coordinator of Environmental
 and Regulatory Affairs *10-14-92*
 Title Date
 Phone No. (406) 259-7860

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING INSPECTION FORM

COMPANY: BALCRON COMPANY REP: AL PLUNKETT

WELL NAME: MONUMENT FEDERAL 42-6 API NO: 43-013-31364

QTR/QTR: SE NE SECTION: 6 TWP: 9 S RANGE: 17E

CONTRACTOR: MOLEN RIG NUMBER: 1

INSPECTOR: HEBERTSON TIME: 10:30 AM DATE: 10/22/92

OPERATIONS: MOVE IN AND RIG UP DEPTH: _____

SPUD DATE: DRY: 10/13/92 ROTARY: 10/23/92 T.D.: _____ DEPTH: _____

=====

WELL SIGN: Y SANITATION: Y BOPE: _____ BLOOIE LINE: _____

H2S POTENTIAL: _____ ENVIRONMENTAL: Y FLARE PIT: Y

RESERVE PIT: Y FENCED: Y LINED: Y PLASTIC: Y

RUBBER: _____ BENTONITE: _____ OTHER: _____ MUD WEIGHT _____ LBS/GAL

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: _____

BOPE TRAINING RECORDED IN THE RIG DAILY TOUR BOOK: _____

=====

LEGEND: (Y)=YES (U)=UNKNOWN (NA)=NOT APPLICABLE

=====

REMARKS:

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E

Duchesne County, Utah

1980' FNL 660' FEL

PTD: 6,200' Formation: Top of Wasatch

Green River Prospect

Elevations: 5308.6' GL

Contractor: Molen Drilling Rig #1

Operator: Balcron Oil

Spud: 10-13-92 @ 9 a.m.

Casing:

---TIGHT HOLE---

Post-It™ brand fax transmittal memo 7671 # of pages ▶	
To State of Utah	From Molen Drilling
Co.	Co. Balcron Oil
Dept.	Phone # 406-259-1860
Fax #	Fax # 406-245-1361

- 10-14-92 TD: 190' (190') Day 1
Formation: Duchesne
Present Operation: Drilling surface.
MI Parker Air Drill. Spud 8-3/4" pilot hole @ 9 a.m. 10-13-92. Drill to 190'. SDFN.
- 10-23-92 TD: 272' (0') Day 1
MW f/w
Move in drilling rig & rig up. Had to get jack-hammer out to dig collar around surface pipe. Weld on head. NU, test BOP & manifold to 2000#. Test csg to 1500# - OK. PU drill collars. Drill cmt.
DC: \$3,568 CC: \$30,127
- 10-24-92 TD: 1,355' (1,083') Day 2
Formation: Duchesne
MW 8.4 VIS 26 pH 9.2
Present Operation: Drilling
Drill cmt & guide shoe. Drill, survey, & clean on rig.
DC: \$15,114 CC: \$45,241
- 10-25-92 TD: 2,349' (994') Day 3
Formation: Horseshoe Bench
MW 8.4 VIS 26 pH 10.2
Present Operation: Trip for bit.
Drill, survey, trip for bit. Bit #1RR Green. Set clock back 1 hr. Background Gas - 20 units.
DC: \$13,308 CC: \$58,549
- 10-26-92 TD: 3,110' (161') Day 4
Formation: Green River
MW 8.4 VIS 26 pH 10.4
Present Operation: Drilling
Finish trip in. Drill, survey, & clean on rig. Over the drilling nipple pay 2720'. Still going over a little this a.m. Background Gas - 2000-2500. Connection Gas - same.
DC: \$10,627 CC: \$69,176

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

10-27-92 TD: 3,850' (740') Day 5
Formation: Green River
MW 8.4 VIS 26 pH 9.7
Present Operation: Drilling
Drill, work on boiler, survey, & clean on rig.
Background Gas - 200-300 units.
DC: \$10,820 CC: \$79,996

10-28-92 TD: 4,447' (597') Day 6
Formation: Green River
MW 8.5 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, clean on rig. Unload 130 jts, 5-1/2" csg.
Background Gas - 1400 units.
DC: \$9,664 CC: \$89,660

10-29-92 TD: 5,015' (568') Day 7
Formation: Green River
MW 8.5 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, and clean on rig. Nice rain. Background
Gas - 800 units.
DC: \$9,232 CC: \$98,892



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

NOV 04 1992

DIVISION OF
OIL, GAS & MINING

November 2, 1992

Mr. Ed Forsman
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

As we discussed, enclosed are sundry notices changing the total depth of the following wells:

Balcron Monument Federal #11-6
Balcron Monument Federal #24-6
Balcron Monument Federal #42-6

Those wells have already been drilled.

Also enclosed are sundry notices requesting approval to change the total depth of the following wells.

Balcron Monument Federal #33-6
Balcron Monument Federal #24-5

Those wells have not yet been drilled.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Department of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E
1806' FNL, 921' FEL

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #42-6

9. API Well No.

43-013- 31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other change in total depth
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was permitted to a TD of 5,580'. The well was drilled to a TD of 5,800'.
Change approved verbally by Ed Forsman.

RECEIVED

NOV 04 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman

Coordinator of Environmental

Title and Regulatory Affairs

Date November 2, 1992

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

P 540 713 806

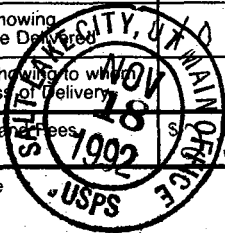
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED

NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to MR STEVEN L HILL	
AMTECH ENERGY INC	
30 E PORTER LANE	
P.O., State and ZIP Code ENTERVILLE UT 84014	
Postage	\$ 29
Certified Fee	100
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom Date, and Address of Delivery	
TOTAL Postage and Fees	\$ 29
Postmark or Date	



PS Form 3800, June 1985

0, 1 Bas
1 Min
VLC-dogm
P.O. 1989-234-556
U.S. 6
M D, C O A S

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

- 11-18-92 Completion
RU Dowell to frac. Wtr heated to 115°. Average BPM 35, average pressure 3300. Screened out fast after 8# sand was on perfs. Had just started flush. Left 23000# & sand in csg. Approximately 1800'. Instant shut down pressure 4289#, 5 min 1661#, 10 min 942#, 15 min 640#. 51,670# sand in perfs, 543 bbls wtr. SWI & SDFN.
DC: \$28,376 CC: \$231,413
- 11-19-92 Completion
TIH w/tbg circ out unbroken gel. SDFN.

Post-It™ brand fax transmittal memo 7671		# of pages ▶
To Oil, Gas & Mining	From	Norway Canada
Co. State of Utah	Co.	Balcron Oil
Dept.	Phone #	406-259-7860
Fax # 801-359-3940	Fax #	406-245-1361

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

---TIGHT HOLE---

11-18-92 Completion

RU Dowell to frac. Wtr heated to 115°. Average BPM 35, average pressure 3300. Screened out fust after 8# sand was on perfs. Had just started flush. Left 23000# & sand in csg. Approximately 1800'. Instant shut down pressure 4289#, 5 min 1661#, 10 min 942#, 15 min 640#. 51,670# sand in perfs, 543 bbls wtr. SWI & SDFN.
DC: \$28,376 CC: \$231,413

11-19-92 Completion

TIH w/tbg circ out unbroken gel. SDFN.

11-20-92 Completion

Well on slight vacuum. Tag sand @ 3020'. Start circ sand out. Gel broke OK. Get circulated down to 4620'. Pull 3 stds, SWI & drain pump & lines. SDFN.
DC: \$1,740 CC: \$234,298

11-21-92 Completion

Well on vac. Took 30 bbls to fill hole. Sand bridged off @ 4970' +/- . Circ clean & tag sand again @ 5660'. Circ sand to PBTD 5772' & circ hole clean. TOH & PU packer w/1 jt tbg below & TIH. Set packer w/end of tbg @ 4670' +/- . Swab down to packer @ 4640. Make one run after swab down & get 200' fluid w/a little oil. SWI & SDFN. Swab total of 33 bbls.
DC: \$2,840 CC: \$237,238

11-22-92 Completion

TP - 25#, FL - 3750'. Make 2 pulls from packer & recover 9-1/2 bbls, 75% oil. make 1 pull per hr for 5 hrs & get 50-60' an hr (4 or 5 gals). Fill tbg w/wtr & release packer & go down 3 jts below perfs, no sand. TOH & get ready for GR log. SWI & SDFN. Swab total of 10-1/2 bbls.
DC: \$1,850 CC: \$239,088

11-23-92 Completion

RU OWP & run GR log over perfs. Sand went in all perfs. Run production string tbg in hole. Nipple down BOP & rig down pulling unit. Start cleaning flat tank on circulator. SDFN. SWI. Tbg detail: Notched collar - .35'; 1 jt 2-7/8" J-55 tbg - 30.54'; perforated sub - 3'; seating nipple - 1' @ 4632.33'; 150 jts 2-7/8" j_55 tbg 4620.33'; KB - 12'; tbg set @ 4667.22' KB.
DC: \$3,880 CC: \$242,968

WELL REPORT

RECEIVED

NOV 24 1992

DIVISION OF
OIL GAS & MINING

Monument Butte Field
Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

43-013-31364

BY

DENNIS REHRIG & ASSOC., INC.

OIL & GAS CONSULTING

4924 Rimrock Road
Billings, Montana 59106

(406) 656-4785

WELLSITE GEOLOGISTS REPORT

Monument Butte Field
Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

DENNIS REHRIG & ASSOC.,INC.

OIL & GAS CONSULTING

4924 Rimrock Road
Billings, Montana 59106

(406) 656-4785

DENNIS C. REHRIG & ASSOCIATES, INC.

Oil & Gas Exploration

4924 RIMROCK ROAD • BILLINGS, MONTANA 59106 • (406) 656-4785

Monument Butte Field
Balcon Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

TABLE OF CONTENTS

<u>Page</u>	<u>Item</u>
1	General Well Review
2-4	Well Data
5	Daily Drilling History
6	Surveys
7	Bit Record
8	Mud Record
9	Time/Depth Penetration Curve
10	Drilled Well Formation Tops
11	Reference Well Formation Tops
12	Significant Gas and Sample Shows
13-28	Sample Descriptions
Insert	Geologic Well Log

By:

Dennis C. Rehrig
Consulting Geologist

For:

Dennis C. Rehrig & Associates, Inc.

Monument Butte Field
Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

GENERAL REVIEW

The Balcron Oil Co. 42-6 Monument Butte-Federal (SE $\frac{1}{4}$ NE $\frac{1}{4}$ S-6, T9S-R17E, Duchesne County, Utah) was drilled as an infill development well in the Monument Butte Field. The well was supported with extensive subsurface well control and drilled for future water flood and identification of hopeful additional Douglas Creek and Wasatch Tongue oil sands

The surface hole was air drilled. Surface casing was set prior to moving Molen Drilling Co. Rig No. 1 on location and spudding on October 23, 1992. A two-man mud-logging unit and wellsite Geologists were on-site from 1000' to Total Depth. The Green River and Douglas Creek formations were penetrated at 1505' and 4724' making them respectively 24' and 13' structurally low to the offset Diamond Shamrock Corp. 32-6 Allen-Federal (SW $\frac{1}{4}$ NE $\frac{1}{4}$ S-6, T9S-R17E).

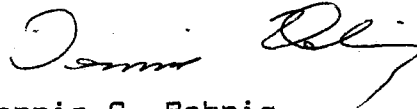
Numerous very fine grained Sandstones were penetrated with gas shows and poor-fair visual sample shows.

This well was drilled to 5800' (Driller) and 5797' (Logger).

After log review the operator elected to run 5 $\frac{1}{2}$ " production casing to 5799'.

The Rotary was released @ 2:00 PM (MST) 11-1-92.

Respectfully submitted,



Dennis C. Rehrig

WELL DATA

OPERATOR: Balcron Oil Company

LEASE & WELL NO.: Monument Butte-Federal 42-6

LOCATION: 1806' FNL, 921' FEL, Sec. 6, T9S-R17E

PROSPECT/FIELD: Monument Butte Field

COUNTY: Duchesne

STATE: Utah

BASIN: Uintah

WELL TYPE: Development

BASIS FOR PROSPECT: Subsurface well control

ELEVATIONS: 5308' G.L. 5318' K.B.

SPUD DATE: 7:45 AM (MDT) 10/23/92 (Rotary)

OUT FROM UNDER
SURFACE CASING: 7:45 AM (MDT) 10/23/92 (Surface Casing
previously set.)

DRILLING COMPLETED: 2:30 AM (MST) 10/31/92

LOGGING COMPLETED: 5:00 PM (MST) 10/31/92

RIG RELEASE: 2:00 PM (MST) 11/1/92

TOTAL DAYS SPUD
THROUGH LOGGING: 9 days

TOTAL DEPTH: 5800' (Driller) 5797' (Logger)

TOTAL DRILLING DAYS: 9 days (Surface Casing previously set)

HOLE SIZE & CASING:

<u>Hole Size</u>	<u>Casing Size</u>
12¼" Surface to 272'	8 5/8" surface to 259' K.B.
7 7/8" 272' to T.D.	5½" Production to 5799'

WELL STATUS: Cased for completion attempt

PENETRATION: 214' into Wasatch Tongue

COMPANY DRILLING
CONSULTANT

Al Plunkett

DRILLING CONTRACTOR:

Molen Drilling Co.

RIG NO.

1

TOOLPUSHER:

Chuck Doornek

RIG SPECIFICATIONS:

Draw works - Emsco GB-250T, Powered by 2 -
Detroit 6-71 300 HP Diesels, Derrick -
Idela, 104' mast

BLOW OUT PREVENTER:

Make: Shaffer LWS. Type: 10" x 3000 lbs.
Drill Pipe: Size 4½" OD, 2¼" ID, Thread
XH. BHA: Length 843.77', 16 jts-6"
DC-475.06'-12 jts-heavy weight pipe-360.71',
Tool joints: 6¼" OD, Type - XH

PUMPS:

No. 1: EMSCO D-375 14" stroke 6" liner

MUD COMPANY AND
ENGINEER:

Unibar Drilling Fluids, Inc.
Gerald Ashcraft

MUD PROGRAM:

Fresh Water 0-3000'
KCL/Water 3000'-T.D.

ELECTRIC OPEN-HOLE
LOGGING PROGRAM:

Halliburton Logging Services, Inc.
Engineer: J. K. (Kirk) Evatt
Witnessed by: Dennis Rehrig & Al Plunkett
- Dual Induction Guard w/Gamma Ray/ Ten-
sion Log (base surface casing
273'-5795').
- Dual Spaced Neutron/Compensated Density
Log w/Gamma Ray/Caliper/Tension (3100'-
5794').
- Quick Look Log - not run on wellsite.

LOST CIRCULATION ZONE
OR DRILLING PROBLEMS:

Experienced slight gas kick and flow at approx.
2730' but drilled ahead without a problem.

WELLSITE GEOLOGIST:

Dennis C. Rehrig

SAMPLING PROGRAM:

30' Samples from 1000'-4200'
20' Samples from 4200'-Total Depth except
caught 10' Samples through drilling breaks.

SAMPLE QUALITY: Generally good unless noted otherwise.

SAMPLE DISPOSITION: Utah Geological Survey
Salt Lake City, Utah

MUD LOGGING EQUIP.: Cate Logging - Two man unit operated by
Tony Cate, Paul Nielsen & Gerry Brooke.

CORE PROGRAM: None.

DRILL STEM TEST: None.

SURFACE CASING: 8 5/8", 24 wt, Gr-K, 6 jts, Surface - 259'
K.B. Cemented w/150 sxs Dowell 75% Class 'G'
& 25% Poz w/2% CaCl₂ & ¼ lb/sx
Celloflake.

PRODUCTION CASING: 128 jts, 5½", 155 lb J-55 to 5799' K.B.
Cemented w/217 sxs Hilift & 447 sxs Class
'G'. Plug down @ 10:00 AM 11/1/92.

PLUGGING RECORD: None.

Balcron 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

DAILY DRILLING HISTORY

Daily drilling reports taken primarily from Rig Tower Sheets and supplemented by Drilling Supervisor. Day commenced at 8:00 AM (MST) of prior day of report and ends at 8:00 AM (MST) day of report.

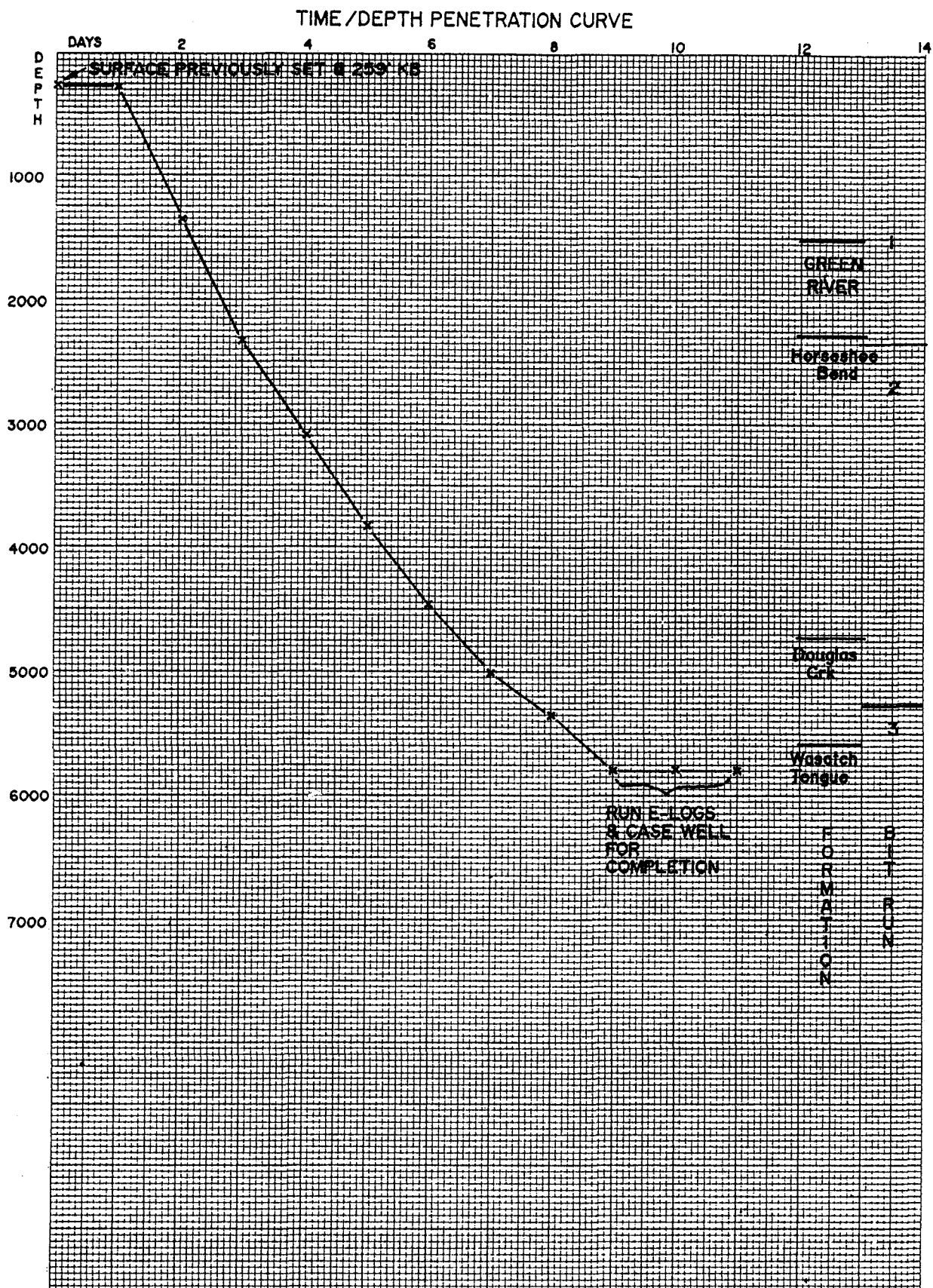
Days Since Spud	Date	Penetration		Hours				Bit No.	WOB(M)	RPM	PP	Activity
		Depth	Ftg in Last 24 hrs.	Drlg.	Maint & Repairs	Other						
	1992											
1	10/23	280'	8'	0.25	3.00	20.75	1RR	35/40	65/70	650		Rig down, move & rig up, dig cellar, weld on casing head test, nipple up, WO BOP tester, test BOP, drlg cement 225-272' (note surface casing set at 259'), drlg 7 7/8" hole, spud @ 7:45 AM, 10/23/92.
2	10/24	1371'	1091'	23.00	0.25	0.75	1RR	35/40	65/70	700		Drlg, survey.
3	10/25	2348'	977'	17.75	1.00	5.25	2	35/40	65/70	750		Drlg, survey, turn clock back 1 hour for time change, drop survey, TOH for bit, run DCs in hole, cut & slip 72' drill line, TIH, drlg.
4	10/26	3120'	772'	23.50	0	0.50	2	35/40	65/70	750		Drlg, survey.
5	10/27	3856'	736'	23.75	0	0.25	2	35/40	65/70	750		Drlg, survey.
6	10/28	4461'	605'	23.00	0	1.00	2	35/40	60	750		Drlg, survey.
7	10/29	5022'	561'	23.50	0	0.50	2	40	60	800		Drlg, survey.
8	10/30	5355'	333'	16.00	0	8.00	3	35/40	55/60	800		Drlg, drop survey, TOH for bit, dress bit, PU junk sub, TIH, wash 30' to bottom, drlg.
9	10/31	5800'	445'	18.50	0	5.50	3	40	60	800		Drlg to T.D., circ up samples, pump pill, circ up for E-Logs, drop survey, TOH for E-Logs, LD SGL, SLM.
10	11/1	5800'	-	-	-	-	-	-	-	-	-	TOH for E-Logs, no correction on SLM, run logs, TIH w/DC & drill pipe, circ for csg, TOH, LD DP & DC, run in w/5 1/2" casing, circ, cement csg.
11	11/2	5800'	-	-	-	-	-	-	-	-	-	Finished cementing casing, plug down @ 10:00 AM, released rig @ 2:00 PM, 11/1/92.

Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R27E
Duchesne County, Utah

SURVEYS VERTICAL HOLE

<u>Drilling Depth</u>	<u>Degrees</u>
350'	3/4°
911'	1 3/4°
1400'	3/4°
1921'	3/4°
2348'	1 1/2°
2904'	1 1/4°
3427'	2 3/4°
3917'	2 °
4406'	1 3/4°
4900'	2 °
5266'	2 °
5800'	3 °

BALCORN OIL CO. 42-6 MONUMENT BUTTE-FEDERAL
1806' FNL 921' FEL, SECTION 6, T 9 S-R 17 E
DUCESNE COUNTY, UTAH



Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

FORMATION TOPS

<u>Formation</u>	<u>E-Log Top</u>	<u>Subsea Datum</u>	<u>*Structural Relationship To Reference Well No. 1</u>
Green River	1505'	(+3813')	24' Lo
Horseshoe Bend	2282'	(+3036')	1' Lo
Douglas Creek	4724'	(+ 594')	13' Lo
2nd Douglas Creek Marker	4970'	(+ 348')	15' Lo
Green Marker	5115'	(+ 203')	12' Lo
Wasatch Tongue	5583'	(- 265')	
TOTAL DEPTH:	5797'	Logger	

Reference Well No. 1

Diamond Shamrock Corp. 32-6 Allen-Federal
SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 6, T9S-R17E
Duchesne County, Utah

Baloron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

REFERENCE WELL E-LOG FORMATION
BOREHOLE AND SUBSEA DATUMS

Diamond Shamrock Corp.
32-6 Allen-Federal
SW¼NE¼ Sec. 6, T9S-R17E
Duchesne County, Utah

Formation

Green River	1500'	(+3837')
Horseshoe Bend	2300'	(+3037')
Douglas Creek	4730'	(+ 607')
2nd Douglas Creek Mkr.	4974'	(+ 363')
Green Marker	5122'	(+ 215')
Wasatch Tongue	NP	

TOTAL DEPTH: 5401' (Logger)

Note: Correlations provided by operator.

Baloron Oil Co. 42-6 Monument Butte-Federal
 1806' FNL, 921' FEL, Sec. 6, T9S-R17E
 Dushesne County, Utah

SIGNIFICANT GAS KICKS & DRILLING BREAKS
 Provided by Mud Logger

FORMATION	DEPTH		TIME (BEFORE-DURING-AFTER) MIN/FT	GAS (BEFORE- DURING- AFTER)
Green River	3190-3220	SS	1.5-1.5-1.5	880-1760-1280
" "	3720-3800	SH	3.0-1.0-1.5	1620-2560-1200
" "	3930-3950	SS	1.5-0.5-1.0	120-240-160
" "	4240-4300	SS	2.5-1.5-2.0	100-800-1200
Douglas Creek	4740-4760	SS	2.0-1.5-2.0	800-1000-800
" "	4900-4930	SS	2.5-1.0-2.5	800-1400-800
" "	5068-5076	SS	2.0-1.5-2.0	520-1140-800
Wasatch				
Tongue	5624-5636	SS	3.0-2.0-2.5	720-960-800
"	5644-5652	SS	2.5-1.0-3.0	800-1040-800
"	5684-5692	SS	3.0-2.0-3.0	840-1040-840
"	5748-5760	SS	2.5-1.5-2.5	800-920-720

POTENTIAL SS ZONES
 Provided by Wellsite Geologist

3194-3202'
 3216-3222'
 3926-3950'
 4022-4026'
 4252-4259'
 4272-4280'
 4756-4758'
 4905-4927'
 5062-5069'
 5626-5633'
 5643-5650'
 5679-5684'
 5747-5760'

Balcron Oil Co. 42-6 Monument Butte-Federal
1806' FNL, 921' FEL, Sec. 6, T9S-R17E
Duchesne County, Utah

SAMPLE DESCRIPTIONS

By: Dennis C. Rehrig

Samples caught and lagged from shale shaker by Mud Loggers. Samples were examined wet, under reflected light and 2X magnification from 1000' to total depth, for porosity identification samples were dried. Sample descriptions generally tie well to drill time log. Sample quality was good unless stated otherwise in descriptions. All sample descriptions are interpretative.

- 1000-1060 Siltstone, light-medium gray, occasionally cream, moderately firm, slightly calcareous in part, shaly in part. Trace glauconite, some mica and some dark green trace minerals.
- 1060-1090 Siltstone, light-medium gray, slight greenish-gray, occasionally mottled with white, slightly calcareous in part. Trace glauconite, cream-buff. Some Limestone, cryptocrystalline, soft, slightly argillaceous in part, dense.
- 1090-1120 Siltstone, light-medium gray, frequently cream, soft-moderately firm, slight increase in calcareous content, trace glauconite, argillaceous in part. Shale, light-medium gray, calcareous in part, soft. Some Limestone, as above.
- 1120-1150 Siltstone, clear-occasionally light gray-slightly tan, slightly calcareous in part. Some fine-very fine grained Sandstone, firm-slightly friable in part, sub-rounded, moderately well sorted, no apparent porosity, no show, fluorescence or cut. Limestone, medium-dark brown, occasionally tan, cryptocrystalline, moderately firm, dense.
- 1150-1180 As above, except Siltstone more gray, argillaceous in part.
- 1180-1240 Siltstone, light-medium gray, occasionally slightly tan, moderately firm, frequently calcareous. Trace glauconite and mica. Some very fine grained Sandstone, moderately firm-slightly friable, sub-rounded, moderately well sorted. Some Limestone, medium-dark brown-tan, as above.
- 1240-1300 Siltstone, light-medium gray, occasionally clear-cream, soft-moderately firm, frequently calcareous, frequently argillaceous, trace mica and glauconite. Some

- Limestone, cream-slightly tan, cryptocrystalline, soft, dense. Trace Shale, light-dark gray, soft, blocky in part, slightly calcareous in part.
- 1300-1360 Siltstone, light-medium gray, occasionally clear-cream-light tan, soft-moderately firm, calcareous in part, slightly argillaceous in part. Some Limestone, cream-light tan, cryptocrystalline, moderately firm, dense. Some Shale, medium-dark gray, sub-blocky in part, soft, slightly calcareous in part.
- 1360-1390 Sandstone, very fine grained, moderately firm-friable in part, clear-slight tan stain, sub-rounded, moderately well sorted, no apparent porosity.
- 1390-1450 Some Siltstone and Limestone, as above. Some Sandstone, as above. Generally Siltstone and Limestone as 1300-1360 above. Trace pyrite.
- 1450-1510 Siltstone, light gray-clear-slightly cream-slightly tan, moderately firm-soft, slightly calcareous, trace mica, slightly argillaceous in part. Trace Limestone and Shale, as above.
- 1510-1540 Siltstone, light gray-cream, soft-moderately firm, calcareous. Shale, light gray-clear, soft, calcareous. Argillaceous Limestone, marked increase in quantity, gray-slightly brown-tan-medium brown, cryptocrystalline, moderately firm, dense.
- 1540-1570 Shale, cream-light gray, soft, calcareous. Some Siltstone, light gray-cream, moderately firm-soft, calcareous, trace mica.
- 1570-1600 Shale, light-medium gray to brownish gray-tan, moderately firm, sub-angular, calcareous in part. Limestone-dolomitic Limestone, tan-grayish tan, occasionally cream, cryptocrystalline, firm, dense.
- 1600-1630 Limy Shale, brown-medium tan, cryptocrystalline, moderately firm, dense, some black carbonaceous material, some gold mineral fluorescence, no stain or cut. Some Siltstone and Shale, as above, trace mica.
- 1630-1660 As above with increase in Siltstone.
- 1660-1750 Limy Shale, tan-buff, occasionally mottled colors, cryptocrystalline, firm-moderately firm, dense, bright yellow-gold mineral fluorescence, no stain, occasional cut, some black carbonaceous material, trace Pyrite. Some Shale, cream-slightly tan, soft, marly, calcareous.

- 1750-1780 Limy Shale, tan-buff, moderately firm-soft, sub-blocky in part. Trace Limestone, buff-cream, moderately firm, dense.
- 1780-1810 Limy Shale, as above. Increase in Limestone, as above. Some Siltstone.
- 1810-1840 Shale-Limy Shale, tan-buff, moderately firm-moderately soft, argillaceous in part, sub-blocky in part, yellow-dull gold mineral fluorescence, no stain or cut. Some Limestone, cream-buff, cryptocrystalline, moderately soft, dense. Trace Siltstone, clear-light gray, moderately firm, trace argillaceous material, calcareous in part, trace pyrite.
- 1840-1900 Shale-limy Shale, as above, some Shale, cream-light buff, soft, marly, calcareous, looks like Bentonite, some medium gray argillaceous material.
- 1900-1990 Shale, mixture of both Shales as 1840-1900 above, plus light-medium gray, moderately firm, some carbonaceous material, trace pyrite, calcareous.
- 1990-2020 Shale-limy Shale, tan-medium brown-gray brown, moderately firm, occasionally cream, frequent pyrite, yellow-dull gold fluorescence, no stain or cut. Some Limestone, cream-white, occasionally mottled with medium gray carbonaceous material, some pyrite, cryptocrystalline.
- 2020-2050 Shale-limy Shale, tan-buff, sub-blocky, moderately firm-firm, generally very calcareous.
- 2050-2140 Limestone-argillaceous Limestone, medium brown-tan, cryptocrystalline-microcrystalline, firm-moderately firm, dense, dull gold fluorescence, no stain, trace bright yellow cut, some pyrite, trace black carbonaceous material.
- 2140-2200 Limestone-argillaceous Limestone, grayish brown-grayish tan, more argillaceous than above. Some dull gold fluorescence, no stain or cut, cryptocrystalline, firm-moderately firm, dense.
- 2200-2230 Calcareous Shale, tan-grayish brown, occasionally buff, moderately firm-occasionally firm, pyritic, sub-blocky to sub-angular. Occasional Limestone, cream-white, cryptocrystalline, streaks light-medium gray carbonaceous material, soft, dense.
- 2230-2260 Shale, as above, much buff-light tan, soft-marly. Probably Bentonite.

- 2260-2320 Shale, grayish brown-grayish tan, calcareous, some very fine black carbonaceous laminae, petroliferous in part, some dull gold fluorescence, black dead oil stain with fair-poor dull yellow milky cut.
- 2320-2350 Shale, buff-light tan, calcareous, moderately firm-soft in part, sub-angular. Siltstone, clear-white in part, moderately firm-friable in part, slightly calcareous, trace pyrite.
- 2350-2380 Siltstone, clear-cream-light tan, moderately firm-friable, no show, fluorescence or cut, slightly calcareous. Some pyrite. Some Limestone, white-cream, slightly argillaceous, soft, dense.
- 2380-2410 Calcareous Shale, tan-buff, firm-moderately firm, sub-blocky in part, some pyrite, some buff soft-marly bentonitic Shale.
- 2410-2470 Shale, as above. Some Limestone, tan, crypto-crystalline-microcrystalline, firm-moderately firm, dense.
- 2470-2500 Calcareous Shale, medium brown, moderately firm, sub-blocky to sub-angular. Trace black petroliferous material, no apparent stain, dull gold fluorescence in part, weak dull yellow cut in part.
- 2500-2560 Calcareous medium brown Shale, as above and Shale, tan-buff, soft, marly, slightly calcareous, bentonitic.
- 2560-2590 Calcareous Shale, medium brown-tan-occasionally buff, moderately firm-soft, occasionally marly and bentonitic. Show as 2470-2500 above.
- 2590-2650 Calcareous Shale, tan-buff-medium brown, slightly carbonaceous in part, sub-blocky to sub-angular, soft-moderately firm, trace black petroliferous material, trace dark brown spotty oil stain, dull gold fluorescence, weak bright yellow streaming cut-dull yellow milky cut, in part.
- 2650-2710 Shale, as above. Trace Siltstone, clear-light tan stain, moderately firm, slightly calcareous, no show.
- 2710-2740 Siltstone, clear-light gray-grayish tan, peppered with carbonaceous material and glauconite firm-moderately firm. Trace spotty oil stain, slight dull gold fluorescence, trace fair bright yellow streaming cut. Calcareous Shale, highly calcareous, light cream-medium gray, frequently streaked with carbonaceous material, some glauconite, soft, pyrite, some tan-brown Shale.

- 2740-2800 Siltstone and Shale, as above. Sandstone, clear, very fine grained, sub-angular, moderately well sorted, moderately firm-friable, frequent spotted dark brown oil stain with dull gold fluorescence and fair bright yellow cut, glauconite and mica present, consolidated-partially unconsolidated, trace poor-fair inter-granular porosity, trace Bitumen.
- 2800-2830 No sample - bypassed shaker.
- 2830-2860 Shale, medium brown-grayish brown- tan-occasionally buff, calcareous, moderately firm-soft, bentonitic in part, some petroliferous material in part, dull gold fluorescence in part, dull yellow milky cut.
- 2860-2920 No sample - bypassed shaker.
- 2920-2950 Shale, as above, with 30% petroliferous black stain, dull gold fluorescence in part, and weak dull yellow milky cut. Some Sandstone, generally loose very fine grains, sub-angular, no apparent porosity or show.
- 2950-2980 Shale, medium brown-grayish brown, firm-moderately firm, sub-angular to sub-blocky, calcareous, slight petroliferous stain in part with dull gold fluorescence and very weak dull yellow milky cut. Trace pyrite. Some loose very fine sand grains, as above.
- 2980-3010 Shale and sand grains, as above. Limestone, cream-white, cryptocrystalline, moderately firm, dense.
- 3010-3040 Shale, light-medium gray, occasionally brown-grayish brown, calcareous, frequently pyritic, moderately soft-moderately firm. Some Siltstone and loose very fine sand grains, moderately firm-friable in part, no apparent porosity, trace spotty dark brown oil stain, with dull gold fluorescence, very weak dull yellow-bluish yellow milky cut.
- 3040-3070 As above, with much Limestone, cream-white, cryptocrystalline, moderately firm, dense.
- 3070-3100 Shale, tan-slight olive tinge-gray brown, slightly calcareous, sub-blocky to sub-angular, firm-moderately firm. Limestone, cream-white, cryptocrystalline-microcrystalline, moderately firm-soft, slightly argillaceous in part, dense. Trace Siltstone and very fine Sandstone and very fine sand grains, trace spotty oil stain, as above.
- 3100-3130 Shale, tan-medium to dark brown-occasionally black, slightly-highly calcareous, moderately firm-firm, sub-angular to sub-platy in part. Some algal laminae,

highly carbonaceous-petroliferous in part with bright fluorescence and very weak dull yellow streaming cut, pyritic in part.

- 3130-3160 Shale, as above, but generally less dark color and less carbonaceous and petroliferous material. Limestone, cream-white-slightly buff, cryptocrystalline, moderately firm, dense.
- 3160-3190 Shale, grayish brown, buff to occasionally cream, sub-blocky to sub-angular, hard-moderately firm, occasionally soft, slightly calcareous-moderately calcareous, frequent very fine disseminated pyrite.
- 3190-3220 Generally Siltstone ranging to very fine grained Sandstone, clear-slightly white, sub-rounded to sub-angular, moderately well sorted, moderately firm-friable, slightly calcareous, fair intergranular porosity, some fair spotty dark brown-black oil blobs and stain with dull gold fluorescence, weak streaming bright yellow cut-weak milky dull yellow cut.
- 3220-3250 Shale, generally light gray-cream-occasionally buff, slightly calcareous, some streaks or specks of medium-dark gray argillaceous material, firm-occasionally soft. Limestone, light tan-buff, microcrystalline, frequent cream colored very fine pellets, soft-moderately firm.
- 3250-3280 Shale, light-medium gray-frequently grayish brown, moderately firm-soft, some specks and streaks of carbonaceous material, slightly calcareous, sub-blocky to sub-angular.
- 3280-3310 Shale, as above, plus increase in brown-grayish brown. Limestone, white-cream-buff, cryptocrystalline-microcrystalline, moderately firm-soft, argillaceous in part, dense.
- 3310-3340 Shale, moderately-highly calcareous, medium-dark brown-tan-occasionally buff, firm-soft, frequent microcrystalline disseminated pyrite, sub-angular, trace petroliferous-black carbonaceous material, dull gold fluorescence and very weak milky cut.
- 3340-3370 Generally Limestone, buff-tan, cryptocrystalline, occasionally microcrystalline, occasionally argillaceous, firm-moderately firm, dense.
- 3370-3400 Some Limestone, as above. Siltstone, occasionally some very fine Sandstone, clear-white, slightly calcareous, sub-angular to sub-rounded, moderately well

sorted, no apparent porosity, moderately firm, no show, fluorescence or cut, trace argillaceous material.

- 3400-3430 No sample, by-passed shale shaker.
- 3430-3460 Very poor sample, decided not to use.
- 3460-3490 Shale, light-medium gray, occasionally brownish gray, some streaks and specks of carbonaceous material, frequent microcrystalline disseminated pyrite, moderately calcareous, moderately firm-soft, sub-platy in part.
- 3490-3520 Shale, light-medium gray, occasionally tan-buff, moderately firm-soft, moderately-slightly calcareous. Some Limestone, cream-buff, cryptocrystalline, moderately firm-soft, argillaceous in part, dense.
- 3520-3550 Shale, as above, frequently tan-buff, soft, bentonitic. Some Limestone, as above.
- 3550-3580 Shale, light-medium gray, moderately firm, sub-angular to sub-blocky, calcareous, trace pyrite, some Shale, tan-buff, calcareous, moderately firm, slight oil sheen on surface in part, dull gold fluorescence, very weak dull yellow milky cut.
- 3580-3640 Shale in part, predominately light-medium gray, as above.
- 3640-3670 Shales as 3550-3580 above, with trace black petro-liferous Shale, dull gold fluorescence, weak dull yellow streaming-milky cut. Some Siltstone, clear, slightly calcareous, no show, fluorescence or cut.
- 3670-3730 Siltstone, clear, slightly calcareous, moderately firm-friable, slightly consolidated, no show, fluorescence or cut, slightly carbonaceous in part. Trace Sandstone, very fine grained, some loose quartz grains, sub-angular to sub-rounded, moderately well sorted, slightly calcareous in part, moderately firm-friable, no show, fluorescence or cut. Shale, light-medium gray, as above.
- 3730-3820 Argillaceous Limestone, medium brown-tan, cryptocrystalline, hard-moderately firm, some pyrite. Shale, tan-buff, soft, slightly calcareous, bentonitic, dull gold fluorescence in part, with very weak dull yellow streaming-milky cut.

- 3820-3850 Shale, brown-grayish brown, frequently light-medium gray, frequently buff, firm-moderately firm, sub-angular to sub-blocky in part, fluorescence and cut as above. Some argillaceous Limestone, as above.
- 3850-3880 Shale, generally light-medium gray, moderately calcareous, moderately firm, sub-platy in part. Some Siltstone, clear-white, moderately firm, slightly calcareous, generally consolidated, no show, fluorescence or cut.
- 3880-3910 Shale, as above. Increase in Siltstone, as above.
- 3910-3940 Sandstone, clear-white in part, generally loose grains - moderately unconsolidated, sub-angular to sub-rounded, fairly well sorted, frequent specks of dark brown oil stain, with dull gold fluorescence, very weak dull yellow streaming-milky cut. Some fair intergranular porosity. Some Shale, as above.
- 3940-4000 Shale, light-medium gray, grayish brown, calcareous, sub-blocky to sub-angular, firm-moderately firm. Limestone, cream-tan, microcrystalline-cryptocrystalline, firm-moderately firm, argillaceous in part, dense. Trace Siltstone, no show, fluorescence or cut.
- 4000-4060 Shale, light-medium gray, calcareous, moderately firm, occasionally soft, trace pyrite, sub-blocky to sub-angular. Siltstone, clear-white, calcareous cement, firm-moderately firm, appears dense, spotty dark brown oil stain with dull gold fluorescence and weak dull yellow streaming cut. Possibly trace grading to very fine grained Sandstone.
- 4060-4090 Shale, tan, frequently buff, occasionally light-medium gray, calcareous, moderately firm-soft, generally sub-blocky to sub-angular. Trace Siltstone, as above.
- 4090-4150 Siltstone, clear-white, commonly calcareous cement, moderately firm-friable, some argillaceous material, generally no show, fluorescence or cut but trace dark brown oil stain with dull gold fluorescence and very weak milky cut. Frequent light-medium colored Shale, trace Limestone, white-cream, slightly argillaceous, cryptocrystalline, moderately firm-soft, dense.
- 4150-4200 Shale, medium-dark brown, grayish brown, firm-moderately firm, generally sub-angular to sub-blocky, slightly carbonaceous - slightly petroliferous in part, dull gold fluorescence in part, no cut.
- 4200-4220 Shale, light-medium gray, calcareous, sub-platy in part, moderately firm-soft, some Siltstone, clear-

- white, calcareous cement, moderately firm slightly argillaceous, no show, fluorescence or cut.
- 4220-4240 Shale, as above, plus some medium brown-grayish brown Siltstone, as above.
- 4240-4300 Siltstone, moderately firm-friable in part, slightly calcareous, medium dark brown oil stain, dull gold fluorescence, fair bright yellow-bluish yellow streaming cut, slightly argillaceous in part, some of this grayish to very fine grained Sandstone with similar show, sub-angular to sub-rounded, moderately well sorted, some fair intergranular porosity, some Shale, light-medium gray.
- 4300-4320 Siltstone-very fine grained Sandstone, generally as above, but show not as good.
- 4320-4340 Sandstone, very fine grained and Siltstone as 4240-4300 above.
- 4340-4360 Siltstone and some very fine grained Sandstone as 4240-4300 above. Some light-medium gray Shale, calcareous, moderately firm-soft.
- 4360-4380 Shale, light-medium gray, occasionally cream, very calcareous, moderately firm-soft, sub-platy in part.
- 4380-4400 Shale, as above, some buff, soft, bentonitic, trace pyrite, trace Siltstone, clear-white, much calcareous cement, moderately firm, no show, fluorescence or cut. Trace Limestone, white-cream, microcrystalline, soft, dense, argillaceous in part.
- 4400-4420 Shale, light-medium gray-brownish gray, firm-soft, calcareous, pyrite. Siltstone, clear-white, moderately firm, much calcareous cement, no show, fluorescence or cut, some Limestone, as above.
- 4420-4440 Shale, grayish brown-medium to dark brown, calcareous, some dark brown-black carbonaceous material, no show, fluorescence or cut, moderately firm-soft, sub-blocky, trace pyrite.
- 4440-4480 Siltstone, clear-white, generally calcareous cement, moderately firm, trace spotty stain, trace dull gold fluorescence, very weak slowing dull yellow streaming cut, argillaceous in part. Shale, light-medium gray, moderately firm-soft, calcareous.
- 4480-4500 Siltstone, possibly grading to very fine grained Sandstone, clear-white, calcareous cement, no apparent porosity, no show, fluorescence or cut, argillaceous

in part, some carbonaceous material, sub-angular to sub-rounded, moderately well sorted, moderately firm. Some light-medium gray Shale.

- 4500-4520 Siltstone, as above. Shale, as above.
- 4520-4560 Siltstone, clear-white, calcareous cement, moderately firm, moderately unconsolidated, trace dark brown oil stain with dull gold fluorescence and very weak dull yellow-bluish yellow streaming to milky cut. Possibly some very fine grained Sandstone. Shale, light-medium gray, calcareous, moderately firm-soft.
- 4560-4580 Shale, light-medium gray, frequently medium brown-grayish brown-tan, calcareous, moderately firm-soft, sub-platy, sub-blocky in part. Some Siltstone, calcareous cement, moderately firm, generally consolidated, argillaceous in part, no show, fluorescence or cut.
- 4580-4600 Generally Shale, as 4560-4580 above. Trace Siltstone.
- 4600-4620 Shale and Siltstone as 4560-4580 above.
- 4620-4640 Siltstone and Shale as 4560-4580 above, some Siltstone may grade to very fine grained Sandstone, calcareous cement, no apparent porosity, firm-moderately firm, generally well consolidated, argillaceous in part, trace glauconite, no show, fluorescence or cut.
- 4640-4660 Siltstone, grading to very fine grained Sandstone, clear-white, generally calcareous cement, moderately firm, moderately well consolidated-occasionally unconsolidated loose quartz grains, trace glauconite, argillaceous in part, no show, fluorescence or cut, no apparent porosity, sub-angular to sub-rounded, moderately well sorted.
- 4660-4700 Shale, light-medium gray-bluish gray, occasionally cream, moderately firm-soft, calcareous, sub-blocky. Some Siltstone, clear-white, calcareous cement, moderately firm, moderately consolidated, trace glauconite, some argillaceous material, no show, fluorescence or cut.
- 4700-4720 Shale, light-medium gray, frequently cream, moderately firm-soft, earthy in part, highly calcareous, sub-angular to sub-blocky.
- 4720-4740 Shale, medium-dark brown, black in part, highly carbonaceous, slightly petroliferous in part, firm, sub-blocky, highly calcareous, dull gold fluorescence, trace of very weak slow dull yellow streaming cut.

Limestone, tan-brown, occasionally cream, crypto-crystalline to microcrystalline, firm-moderately firm, dense, generally argillaceous, some carbonaceous material. Some Siltstone, generally white, occasionally clear, moderately firm, generally well consolidated, much calcareous cement, argillaceous in part, no show, fluorescence or cut.

- 4740-4760 Siltstone, grading to very fine grained Sandstone, clear-white-slightly tan, much calcareous cement, no apparent porosity, no show, fluorescence or cut, bright yellow mineral fluorescence, moderately firm, well consolidated, some glauconite and carbonaceous material, argillaceous in part, moderately well sorted, sub-angular to sub-rounded. Some Limestone, white-cream, frequently laminated or mottled with dark gray carbonaceous material, cryptocrystalline, moderately soft, dense, trace pyrite.
- 4760-4780 Shale, brown-grayish brown, frequently tan-buff. Tan-buff is earthy, bentonitic. Brown-grayish brown, firm, sub-blocky, slightly petroliferous, highly carbonaceous, no show, fluorescence or cut.
- 4780-4820 Shale, light-medium gray, calcareous, firm-moderately firm, sub-blocky to sub-angular. Siltstone, clear, white in part, calcareous cement, well consolidated, hard-firm, quartzitic, argillaceous in part. Limestone, cream-white, soft, marly in part, argillaceous in part.
- 4820-4880 Shale, light-medium gray, calcareous, soft and earthy - moderately firm, sub-angular to sub-platy, carbonaceous in part.
- 4880-4900 Shale, Siltstone, Limestone, as 4780-4820 above. Trace Dolomite, tan-orangish tan, firm, cryptocrystalline, argillaceous in part, dense.
- 4900-4920 Sandstone, very fine grained, generally clear, frequently white, some calcareous cement, firm-moderately friable, some fair intergranular porosity, sub-angular to sub-rounded, moderately well sorted, very slight light tan stain, bright yellow fluorescence, weak bluish yellow streaming-milky cut. Glauconite, some stringers of Shale, light gray-cream, soft, carbonaceous material, slightly petroliferous in part. Some Limestone, white-cream, cryptocrystalline, soft, argillaceous in part, slightly mottled in part.
- 4920-4930 As above with increase in Limestone and Shale.

- 4930-4940 Shale, generally medium gray, frequently light gray, moderately firm, sub-platy in part, occasional carbonaceous material.
- 4940-4960 Shale, medium dark brown-dark grayish brown, moderately firm-soft and earthy, sub-platy in part, slightly-moderately calcareous, highly carbonaceous-slightly petroliferous, no show, fluorescence or cut.
- 4960-5020 Shale, light-medium gray, moderately firm, calcareous, sub-angular to sub-blocky, some Siltstone, clear-white, calcareous cement, moderately firm, moderately well consolidated, no show, fluorescence or cut, stringers of white-cream Limestone.
- 5020-5040 Shale, light-medium gray, moderately brown-grayish brown, calcareous, moderately firm-soft, trace pyrite, trace Siltstone, clear-white, calcareous cement, moderately unconsolidated, no show, fluorescence or cut. Trace Limestone, cream-buff, cryptocrystalline, moderately-soft and marly, argillaceous in part, dense.
- 5040-5060 Siltstone, grading to very fine grained Sandstone, clear-white, frequent light-medium brown oil stain, dull gold fluorescence in part, with very weak dull yellow-bluish yellow cut, moderately firm-frequently friable, fair intergranular porosity, moderately unconsolidated, some calcareous cement, sub-angular to sub-rounded, moderately well sorted, some Shale, light-medium gray, as above.
- 5060-5080 Sandstone, very fine grained and Siltstone, generally as above, but better staining and stronger bright yellow streaming cut, probably better intergranular porosity.
- 5080-5090 Shale, light-medium gray, moderately firm-soft, calcareous, sub-angular, trace Siltstone and very fine grained Sandstone, as above.
- 5090-5100 Shale, generally as above, some brown-grayish brown, sub-splintery to sub-platy in part.
- 5100-5120 Shale, generally medium-dark brown-dark grayish brown, moderately firm, moderately calcareous, sub-blocky, highly carbonaceous-petroliferous in part, no show, fluorescence or cut, trace pyrite.
- 5120-5140 Shale, medium-dark brown-grayish brown, occasionally light-medium gray, trace black, calcareous, moderately firm, earthy in part, highly carbonaceous-petroliferous, trace dull gold fluorescence, weak dull

yellow streaming cut, some Siltstone, clear-white, moderately firm, generally well consolidated, argillaceous in part, calcareous cement, no show. fluorescence or cut.

- 5140-5180 Shale, light-medium brown-grayish brown, frequently light-medium gray, calcareous, less carbonaceous and non-petroliferous, no show, fluorescence or cut.
- 5180-5200 Shale, light-medium gray, calcareous, moderately firm-soft, sub-blocky, Siltstone, clear-white, moderately firm, fairly unconsolidated, some calcareous cement, trace very faint brown oil stain, no fluorescence, very weak dull yellow milky cut.
- 5200-5220 Shale, light-medium gray, calcareous, moderately firm-soft, trace marly, Siltstone grading to some very fine grained Sandstone, no apparent porosity, clear-white, fairly well consolidated, sub-angular to sub-rounded, moderately well sorted, trace dark brown uneven oil stain, trace dull gold fluorescence, with very weak dull yellow milky cut.
- 5220-5230 Shale, as above, with some cream colored, calcareous, soft-marly. Some dolomitic Limestone, tan-orangish tan, cryptocrystalline, moderately hard-firm, dense, Siltstone and Sandstone, as above with spotty dead oil stain, trace dull gold fluorescence, no cut.
- 5230-5240 Shale, cream-light-medium gray, calcareous, frequently mottled to speckled with carbonaceous material, moderately firm-soft, some pyrite, mostly Siltstone-grading occasionally to very fine grained Sandstone, clear-white, frequently speckled with medium-dark brown carbonaceous material, very hard, calcareous cement, dense, no show, fluorescence or cut.
- 5240-5260 Shale, Siltstone and very fine grained Sandstone, as above, some cream calcareous Shale, very soft-marly, some Limestone, white-cream, moderately soft-soft, frequently streaked-speckled with medium-dark gray carbonaceous material, dense, trace dead oil.
- 5260-5266 No sample, tripped for bit, didn't circulate up samples.
- 5266-5270 Shale, light-medium gray, frequently cream and soft and marly, generally moderately firm, calcareous, sub-splintery in part, some carbonaceous particles. Some Siltstone, clear-white, very hard, calcareous cement, speckled with carbonaceous material, some pyrite, no show, fluorescence or cut.

- 5270-5280 Shale, grayish brown-medium brown, calcareous, firm-moderately firm, sub-blocky to sub-platy in part.
- 5280-5320 Shale, medium gray, frequently light gray, calcareous, moderately firm, sub-blocky, frequently sub-splintery to sub-platy, carbonaceous in part.
- 5320-5360 Shale, generally dark gray-dark brownish gray, slightly calcareous, moderately firm, sub-platy to sub-blocky in part, highly carbonaceous, slightly petroliferous in part, no show, fluorescence or cut.
- 5360-5380 Shale, light-medium gray, some dark gray-dark brownish gray, as above, light-medium gray is more calcareous, moderately firm-moderately soft, siltstone, clear-white, calcareous cement, firm-moderately firm, generally well consolidated, trace pyrite, no show, fluorescence or cut, argillaceous-carbonaceous in part.
- 5380-5400 Shale, medium-dark brown-dark grayish brown, frequently black and highly carbonaceous to petroliferous, no show, fluorescence or cut, moderately-highly calcareous, moderately firm, frequently sub-blocky.
- 5400-5440 Shale, generally medium-dark gray-grayish black, occasionally light gray, highly carbonaceous-petroliferous, dull gold fluorescence in part, very weak-weak dull yellow streaming cut, moderately firm, sub-platy in part, non-calcareous to slightly calcareous.
- 5440-5460 Shale, generally light gray, frequently medium gray, moderately firm-soft, moderately calcareous, sub-angular to sub-splintery in part.
- 5460-5480 Shale, as above, also cream colored Shale, calcareous, soft-marly.
- 5480-5500 Shale, equal amount of light-medium gray, moderately firm, moderately calcareous, dark gray to grayish black-black, firm-moderately firm, non-calcareous to very slightly calcareous, highly carbonaceous-petroliferous, no fluorescence, generally no cut, trace very weak dull yellow milky cut.
- 5500-5520 Shale, grayish black-black, frequently grayish brown in part, non-calcareous to slightly calcareous, splintery-platy in part, firm-moderately firm, trace pyrite, no show, fluorescence or cut.

- 5520-5530 Shale, but more dark gray-brownish gray in color, no show, fluorescence or cut.
- 5530-5540 Shale, as 5520-5530 above, Siltstone, light gray-cream-clear, calcareous cement, moderately firm, moderately well consolidated, no show, fluorescence or cut, argillaceous in part.
- 5540-5560 Shale, black-grayish black-brownish black, firm-sub-brittle, platy-splintery in part, non-calcareous to slightly calcareous, highly carbonaceous-petro-liferous, no show, fluorescence or cut.
- 5560-5580 Shale, as above, some brownish gray Shale, soft-marly, earthy in part, calcareous, no show, fluorescence or cut.
- 5580-5620 Shale, light-medium gray, moderately firm-soft, calcareous Limestone, white-cream-light gray, soft, streaks and specks of medium-dark gray carbonaceous material, frequently mottled, cryptocrystalline-microcrystalline, Siltstone ranging to very fine grained Sandstone, white-clear, firm, no apparent porosity, no show, fluorescence or cut, calcareous cement, carbonaceous-argillaceous in part.
- 5620-5630 Sandstone - grading to Siltstone, very fine grained, moderately firm and generally well consolidated, slightly calcareous cement, poor intergranular porosity, sub-angular to sub-rounded, moderately well sorted, fair spotty - uneven dark brown oil stain, trace dull yellow fluorescence, very weak slow dull yellow-milky cut.
- 5630-5640 Shale, light-medium gray, frequently cream, moderately firm-soft, earthy-grainy in part, calcareous, speckled carbonaceous material. Some Limestone, clear-white, microcrystalline-cryptocrystalline, firm - some argillaceous in part.
- 5640-5650 Shale and Limestone, as above. Siltstone, clear-white, moderately hard-firm, well consolidated, calcareous cement, trace glauconite and argillaceous material, no show, fluorescence or cut. Possibly some very fine grained Sandstone, moderately hard-firm, no apparent porosity, no show, fluorescence or cut.
- 5650-5660 Shale and Limestone as 5630-5640 above.
- 5660-5670 Sandstone, grading to Siltstone, clear-occasionally white, some calcareous cement, moderately firm-friable in part, moderately unconsolidated, some glauconite,

argillaceous in part, sub-angular to sub-rounded, moderately well sorted, trace very weak light brown oil stain, bright yellow fluorescence, very weak slow dull yellow milky cut.

5670-5690 Sandstone and Siltstone as 5660-5670 above. Shale as 5630-5640 above.

5690-5700 Shale, generally medium gray, frequently light gray-white, frequently mottled-streaked calcareous, moderately firm-soft, frequently earthy, slightly platy in part, some Limestone, clear-cream, microcrystalline to very fine crystalline, moderately firm-soft, frequently streaked with medium gray carbonaceous material, dense.

5700-5720 Siltstone, grading to very fine grained Sandstone, generally white, occasionally clear, much calcareous cement, firm-moderately hard, tightly consolidated, very tight, no show, fluorescence or cut, frequently speckled with glauconite and carbonaceous material.

5720-5740 Siltstone, as above, Shale, light-medium gray, as above, some Limestone, cream-white, microcrystalline, moderately soft, carbonaceous material, dense.

5740-5750 Sandstone, very fine-occasionally fine grained, some Siltstone, generally clear, frequent faint light brown oil stain, bright yellow fluorescence, extremely weak very slow bluish dull yellow milky cut, firm-friable, moderately unconsolidated, sub-angular to sub rounded, moderately well sorted, some poor-fair intergranular porosity.

5750-5800 Siltstone and very fine grained Sandstone, Shale and Limestone as 5720-5740 above.

TOTAL DEPTH: 5800' Driller
5797' Logger

DENNIS REHRIG & ASSOCIATES, INC.

OIL & GAS CONSULTING

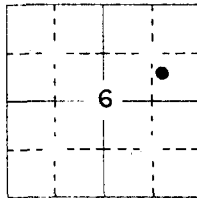
GEOLOGIC WELL LOG

4924 RIMROCK ROAD
BILLINGS, MONTANA 59106
(406) 656-4785

RECEIVED

NOV 24 1992

DIVISION OF
OIL GAS & MINING



MONUMENT BUTTE FIELD
BALCRON OIL CO. 42-6 MONUMENT BUTTE-FEDERAL
1806' FNL 921' FEL, SECTION 6, T 9 S- R 17 E
DUCHESE COUNTY, UTAH

ELEVATIONS: 5308' GL 5318' KB

SPUD: 7:45 AM (MDT) 10/23/92 (ROTARY)

OUT FROM UNDER SURF. CSG.: 7:45 AM (MDT) 10/23/92
(Surface CSG Previously set)

DATE DRLG. COMP.: 2:30 AM (MST) 10/31/92

DATE WELL COMPLETED: 2:00 PM (MST) 11/1/92

STATUS: CASED FOR OIL COMPLETION ATTEMPT

SURF. CSG.: 259" OF 8 5/8"

PRODUCTION CSG: 5 1/2" TO 5799' KB

CORES: NONE

DRILL STEM TESTS: NONE

CONTRACTOR: MOLEN DRILLING CO.

RIG: 1

DERRICK: IDELA, 104' MAST (DOUBLE)

DRAWWORKS: EMSCO GB-250T, POWERED BY 2-DETROIT
6-71 300HP DIESELS

PUMPS: EMSCO D-375 14" STROKE

DRILL PIPE: 4 1/2" OD, 2 1/4" ID, XH THREAD

COLLARS: BHA 843.77' - 475.06' 6" DC & 360.71" HWP

MUD SYSTEM: FRESHWATER & KCL /WATER AT T.D.

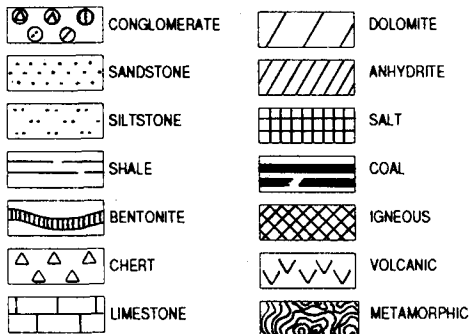
TOTAL BITS: 3 ROTARY, AIR-DRILLED FOR SURFACE CASING

TOTAL DAYS TO LOG POINT: 9 TO COMPL: 10

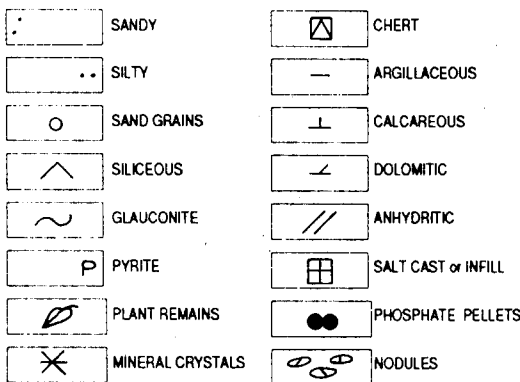
T.D. DRILLER 5800' LOGGER 5797'

ROCK TYPE

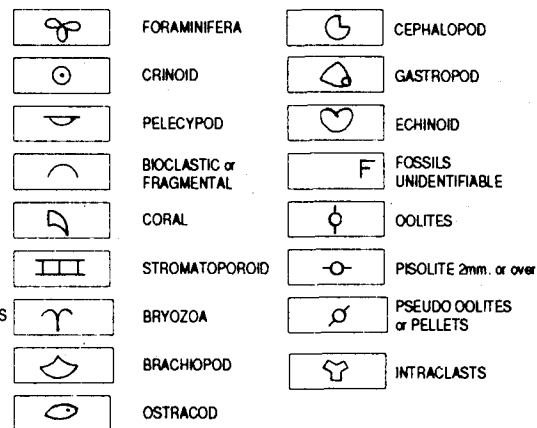
[Consistent with American Stratigraphic Company]



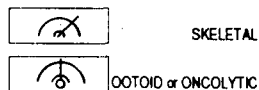
ACCESSORIES



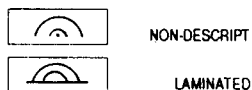
ORGANIC or NON
ORGANIC ALLOCHEMS



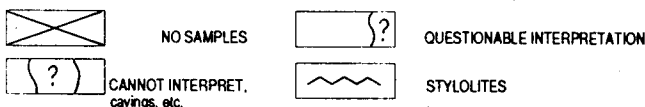
FRAMEWORK
ALGAE



NON-FRAME-
WORK ALGAE



MISCELLANEOUS



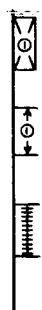
POROSITY TYPES

- X INTERCRYSTALLINE, INTERGRANULAR, INTERFRAGMENTAL
- Q INTEROOLITIC, INTERPELLETOID
- V VUGGY - voids greater than 1/16mm
- P PINPOINT - voids less than 1/16mm
- MOLDIC
- O ORGANIC - bridged, Intrafossil
- F FRACTURE
- e EARTHY - low permeability, crystals less than 1/16mm
- FENESTRAL - voids from gas bubbles, shrinkage cracks & birdseye texture

OIL STAINS - stain present

- EVEN STAINING, FLOURESCES IN SOLVENT
- SPOTTED STAINING, FLOURESCES IN SOLVENT
- D DEAD, ASPHALTIC, BITUMEN, ETC.
- O QUESTIONABLE, NO FLOURESCENCE IN SOLVENT

EVALUATION LEGEND



WHOLE CORE
DRILL-STEM TEST
PERFORATIONS

DRILLING AND PRODUCTION DATA

CASING SET	RPM	ROTATION (REV/MIN)
NB NEW BIT	PP PUMP PRESSURE	
RRB RERUN BIT	LC LOST CIRCULATION	
CB CORE BIT	NR NO RETURNS	
DS DEVIATION SURVEY	TG TRIP GAS	
W/B WEIGHT ON BIT	CG CONNECTION GAS	

MUD DATA

V	VISCOSITY
W	WEIGHT IN lbs/gal
WL	FILTRATE IN cc
FC	FILTER CAKE
CL	CHLORIDE CONTENT (ppm)
Rm	MUD RESISTIVITY (Ω)
Rmf	MUD FILTRATE RESISTIVITY (Ω)

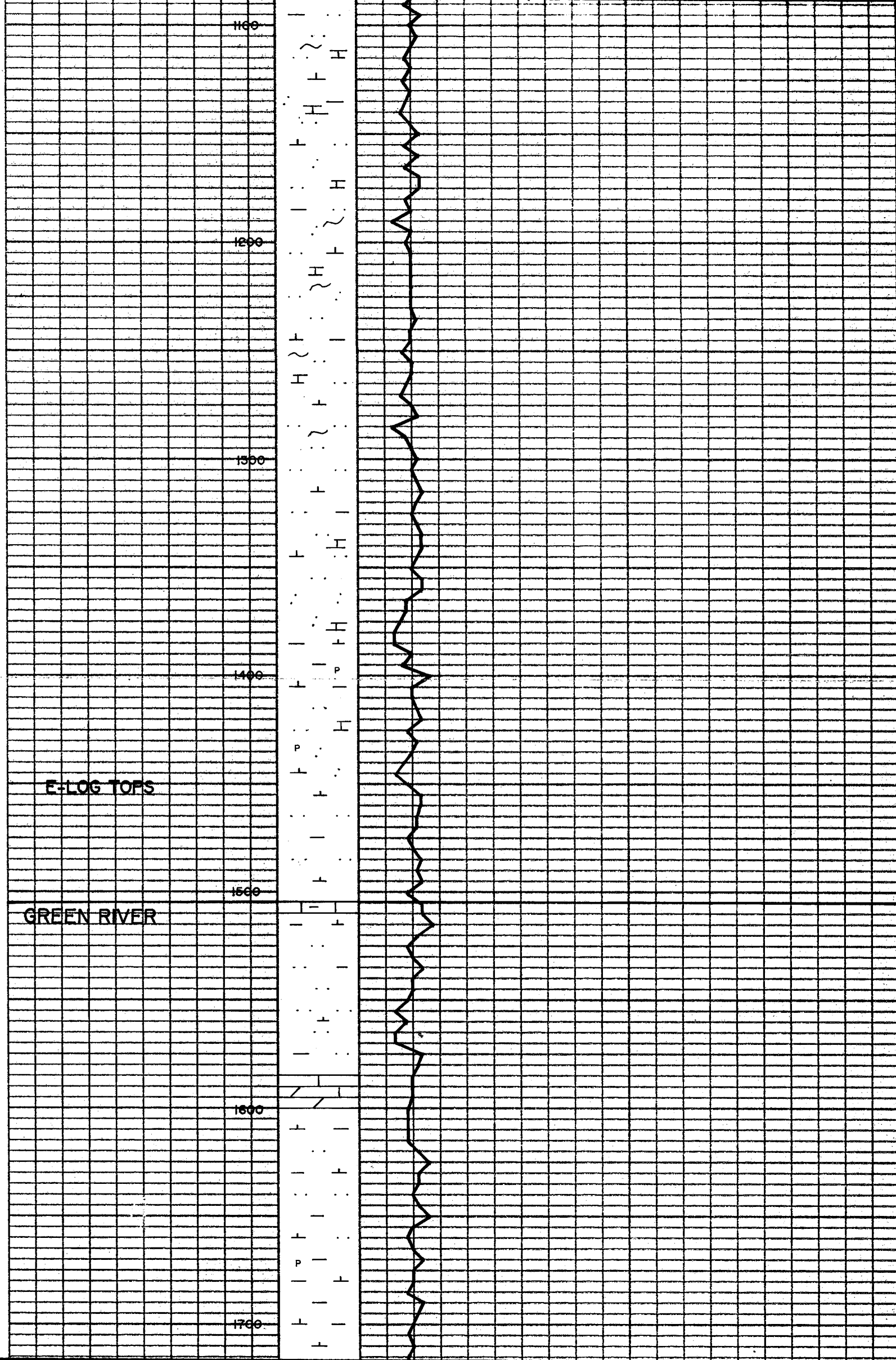
ELECTRIC LOG
GAMMA RAY / CALIPER

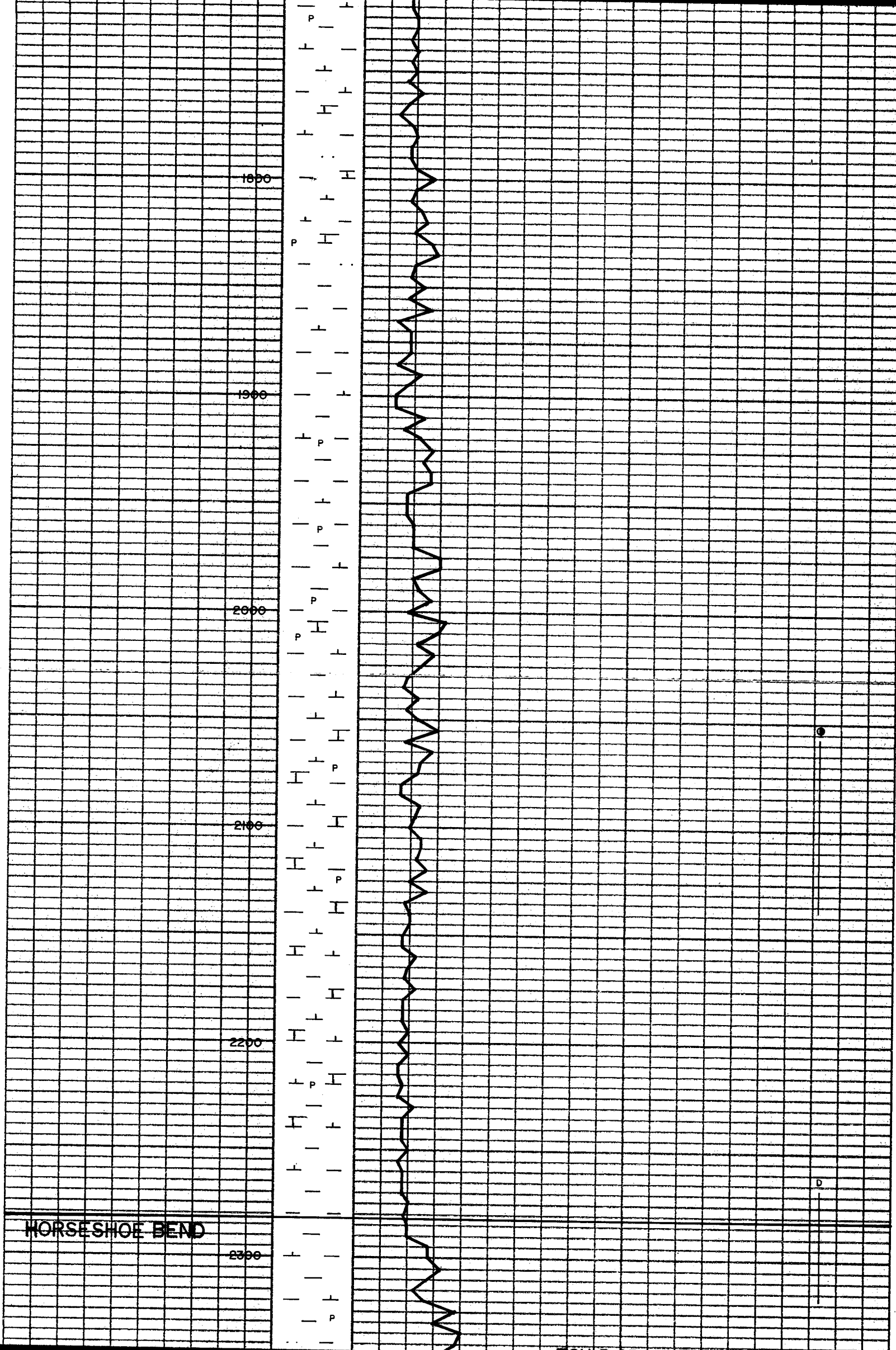
INTERPRETED
LITHOLOGY
AND
DEPTH

DRILLING PENETRATION
RATE (MIN / FT)

CASING &
PERFORATIONS
CORE & DST
OIL
SHOWS
POROSITY
(%)

SAMPLES EXAMINED FROM
000' - TOTAL DEPTH





FORM 2548 FOR B11

0

0

0

x

0

0

2400

2500

2600

2700

2800

2900

P

H

P

H

H

P

H

P

H

P

H

P

H

P

H

P

H

P

H

P

H

P

H

P

H

P

H

P

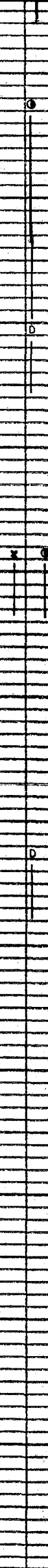
H

P

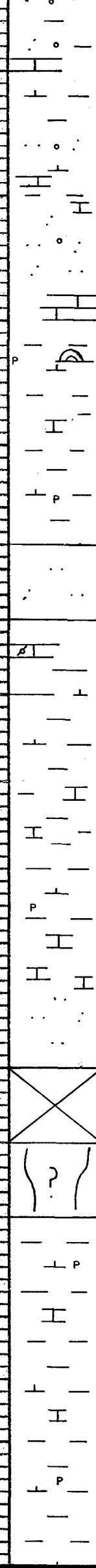
H

P

H



6 = MUD LOG GAS SHOW



3000

3100

3200

3300

3400

3500

0

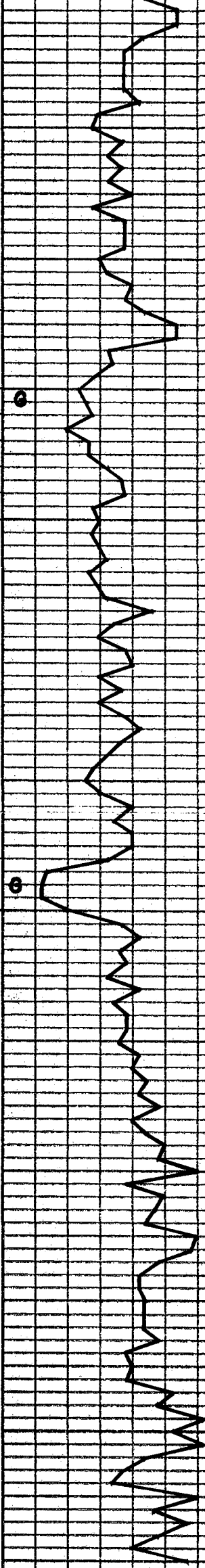
0

0
X

0

0

0



3700

3800

3900

4000

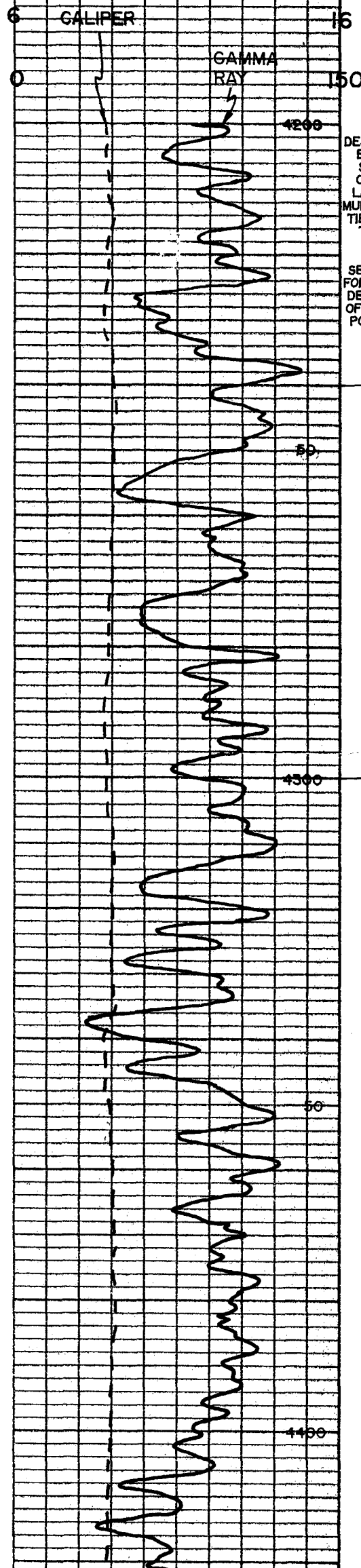
4100

4200

CHANGE

VERTICAL SCALE

1 2 3 4 5 6 7 8

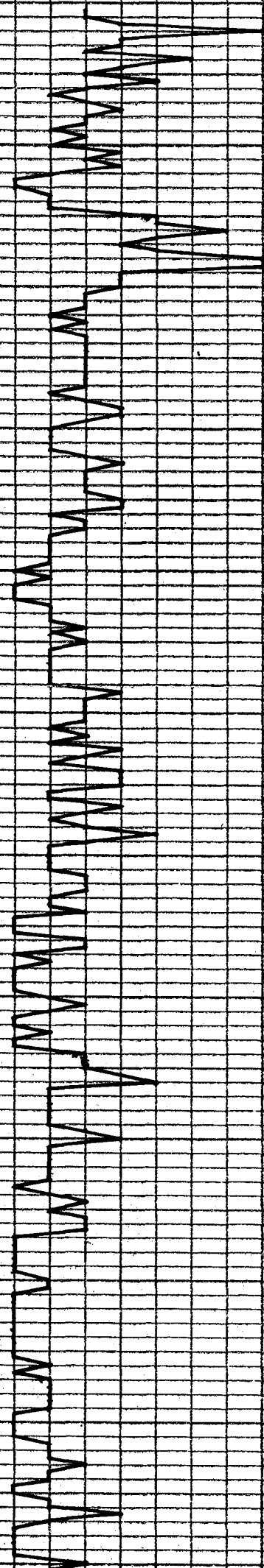


SAMPLE DESCRIPTIONS BASED ON SAMPLES CAUGHT & LAGGED BY MUD LOGGERS. TIE TO DRILL TIME LOG

SEE REPORT FOR DETAILED DESCRIPTION OF SAMPLES, POROSITY & SHOWS

G

G

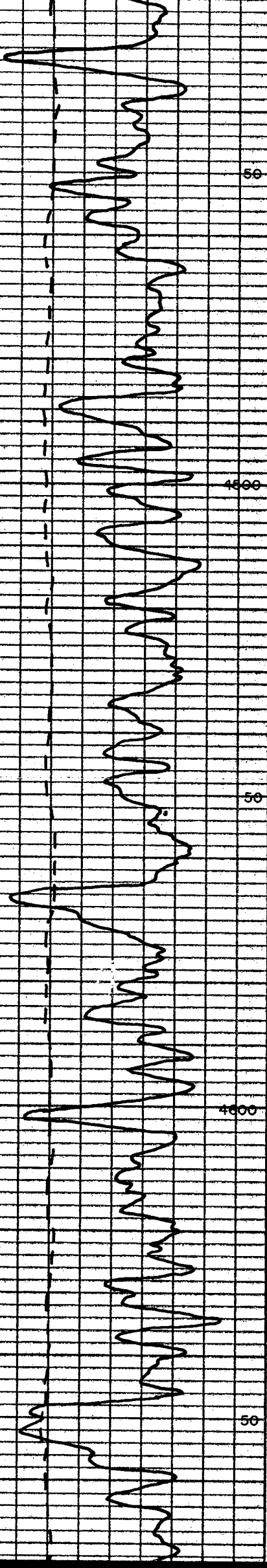
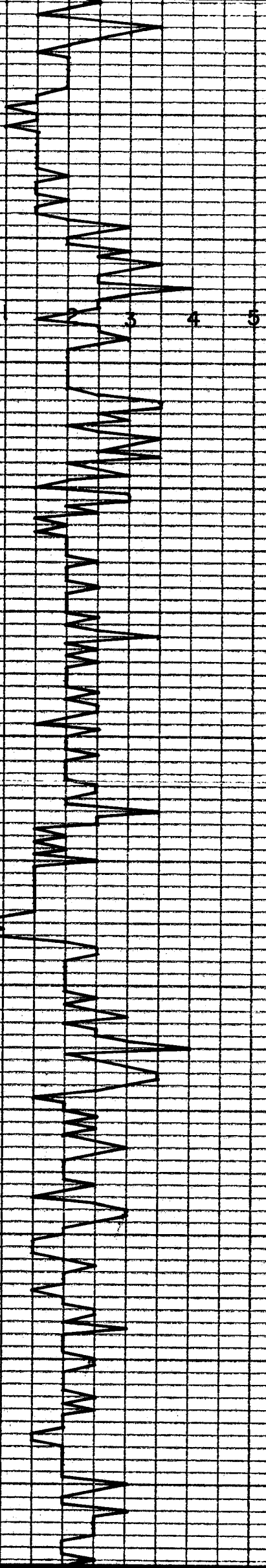


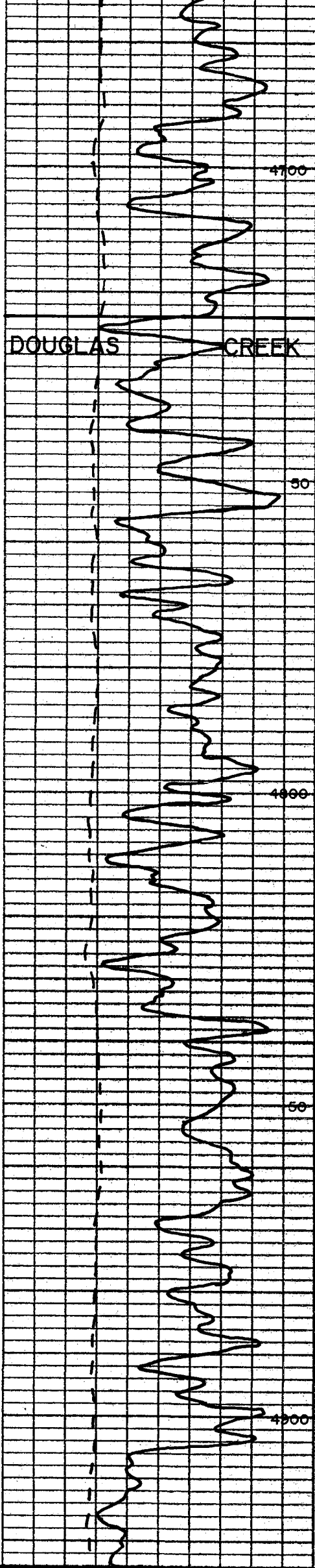
X O

|||

— — — — —

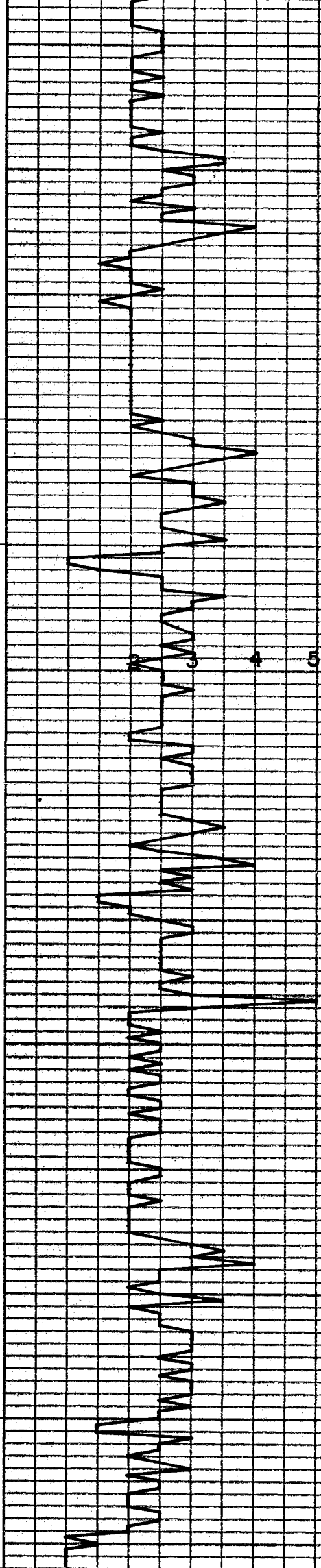
— — — — —





6

6

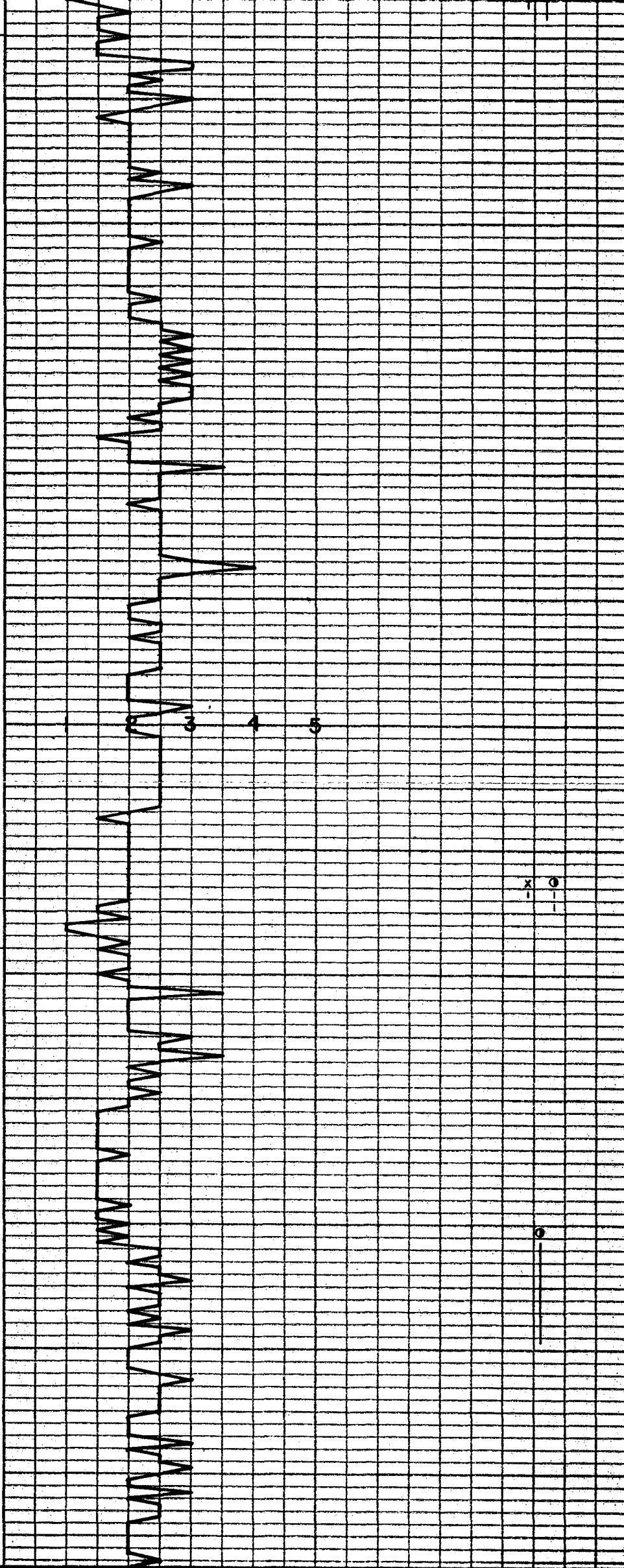


0

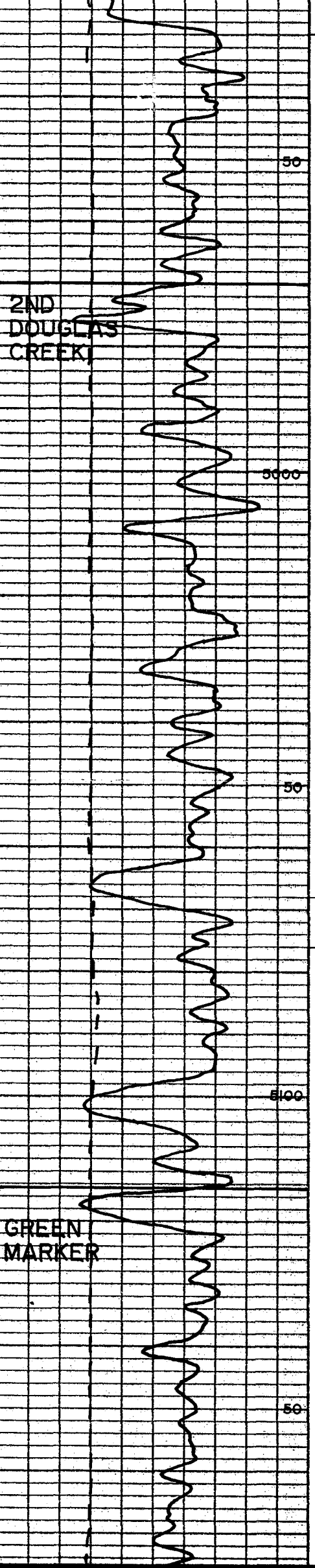
X
X
X

X O
| |

5
—
—
—

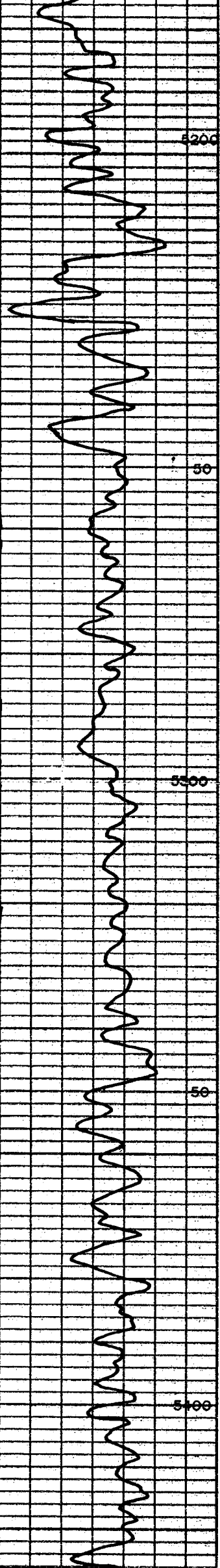
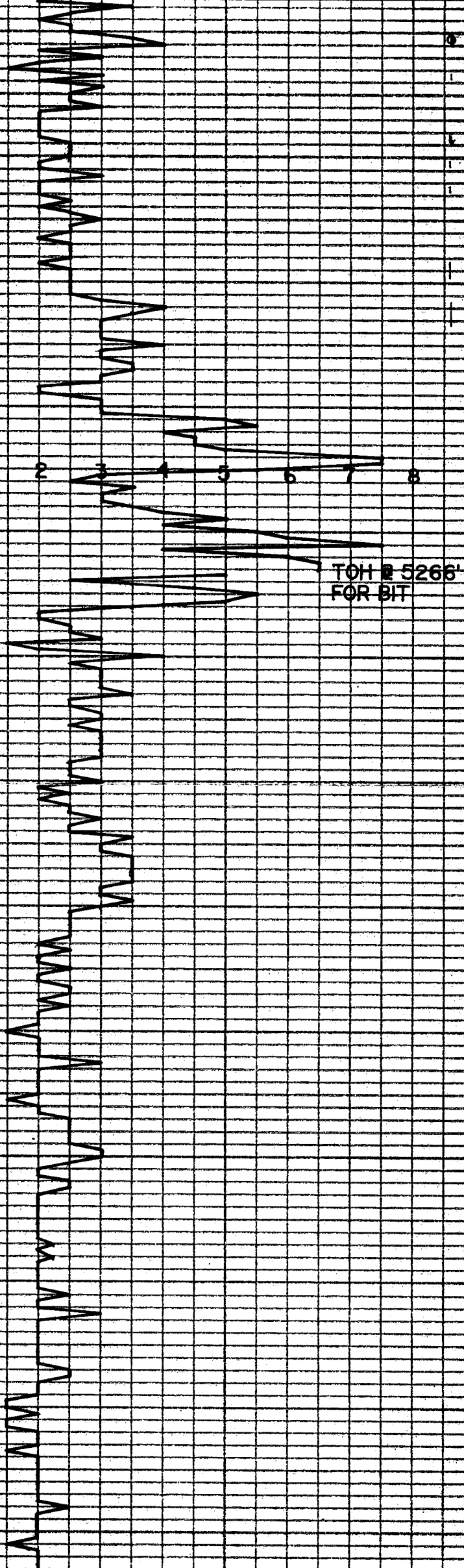


6



2ND
DOUGLAS
CREEK

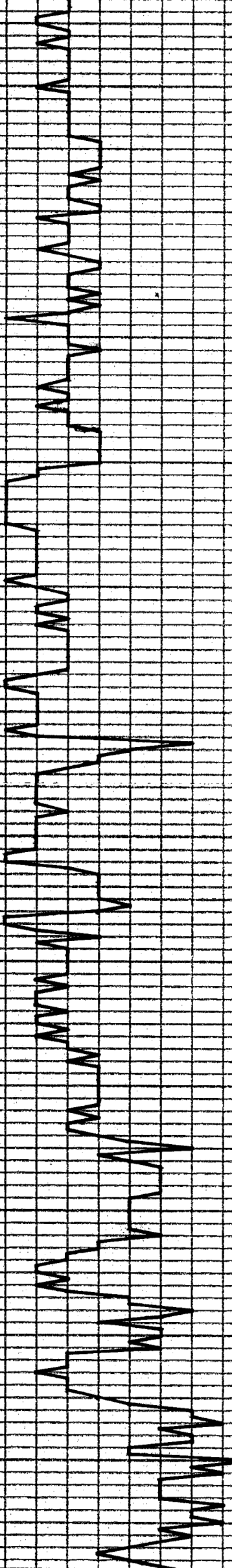
GREEN
MARKER



0

X 0

0



0

0

WASATCH
TONGUE

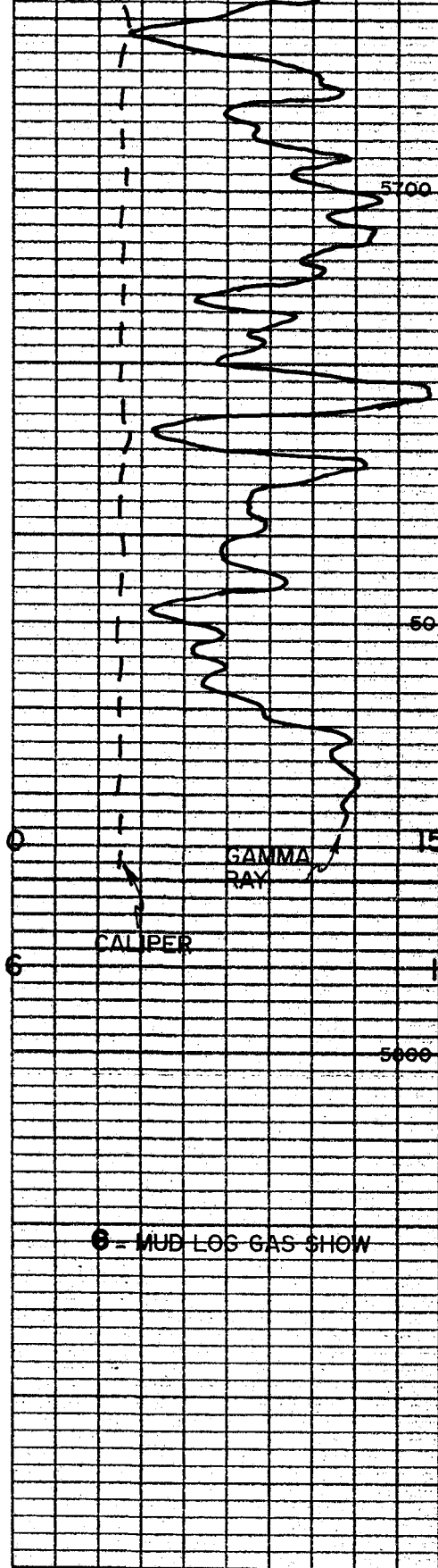
50

5500

50

5500

50



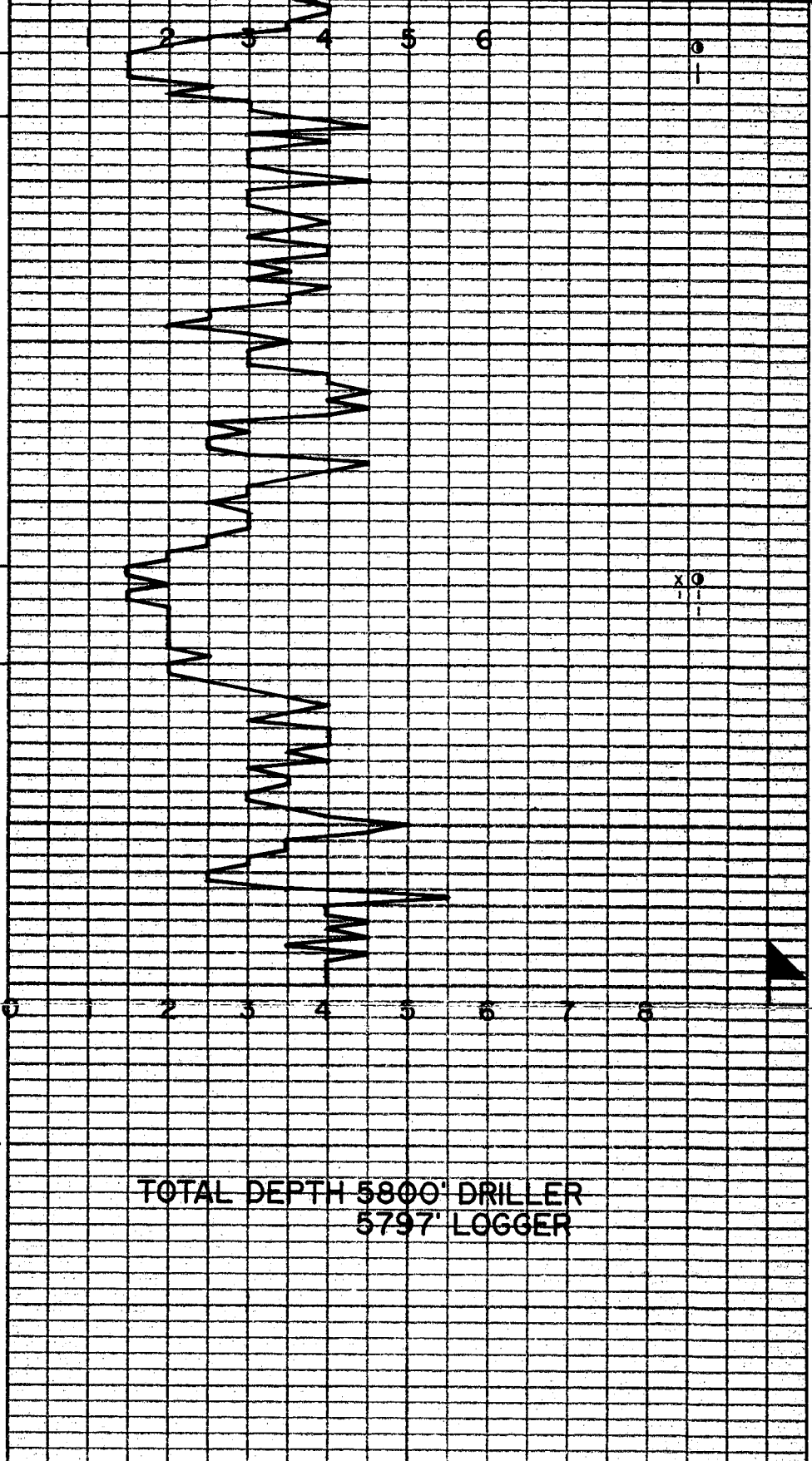
6

6

6 - MUD LOG GAS SHOW

SAMPLE DESCRIPTIONS
 BASED ON
 SAMPLES
 CAUGHT &
 LAGGED BY
 MUD LOGGERS.
 TIE TO DRILL
 TIME LOG

SEE REPORT
 FOR DETAILED
 DESCRIPTION
 OF SAMPLES,
 POROSITY &
 SHOWS



TOTAL DEPTH 5800' DRILLER
 5797' LOGGER

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR BALCRON OIL
ADDRESS P.O. Box 21017
Billings, MT 59104

Well name and number: 42-6 Balcron Monument Federal #42-6

Field or Unit name: Monument Butte Field Lease no. U-020252A

Well location: QQ SE NE section 6 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? . . Yes ☐ No ☒

Will the proposed well be used for:

Enhanced Recovery?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Disposal?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Storage?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Is this application for a new well to be drilled? Yes ☐ No ☒ *

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____ This well will be completed prior
API number: 43-013-31364 to the December 2 hearing.

Proposed injection interval: from 4.760' to 5.270'

Proposed maximum injection: rate 600 BPD pressure 2500 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within ½ mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Logs are or will be on file prior to the Hearing.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
 Title Coordinator of Environmental Date October 16, 1992
 Phone No. () and Regulatory Affairs PHONE: (406) 259-7860

(State use only)

Application approved by _____ Title _____
Approval Date _____

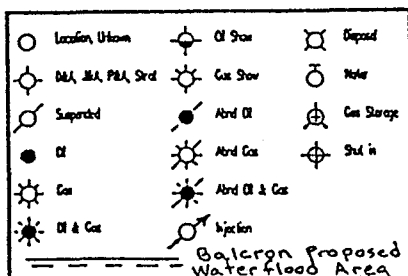
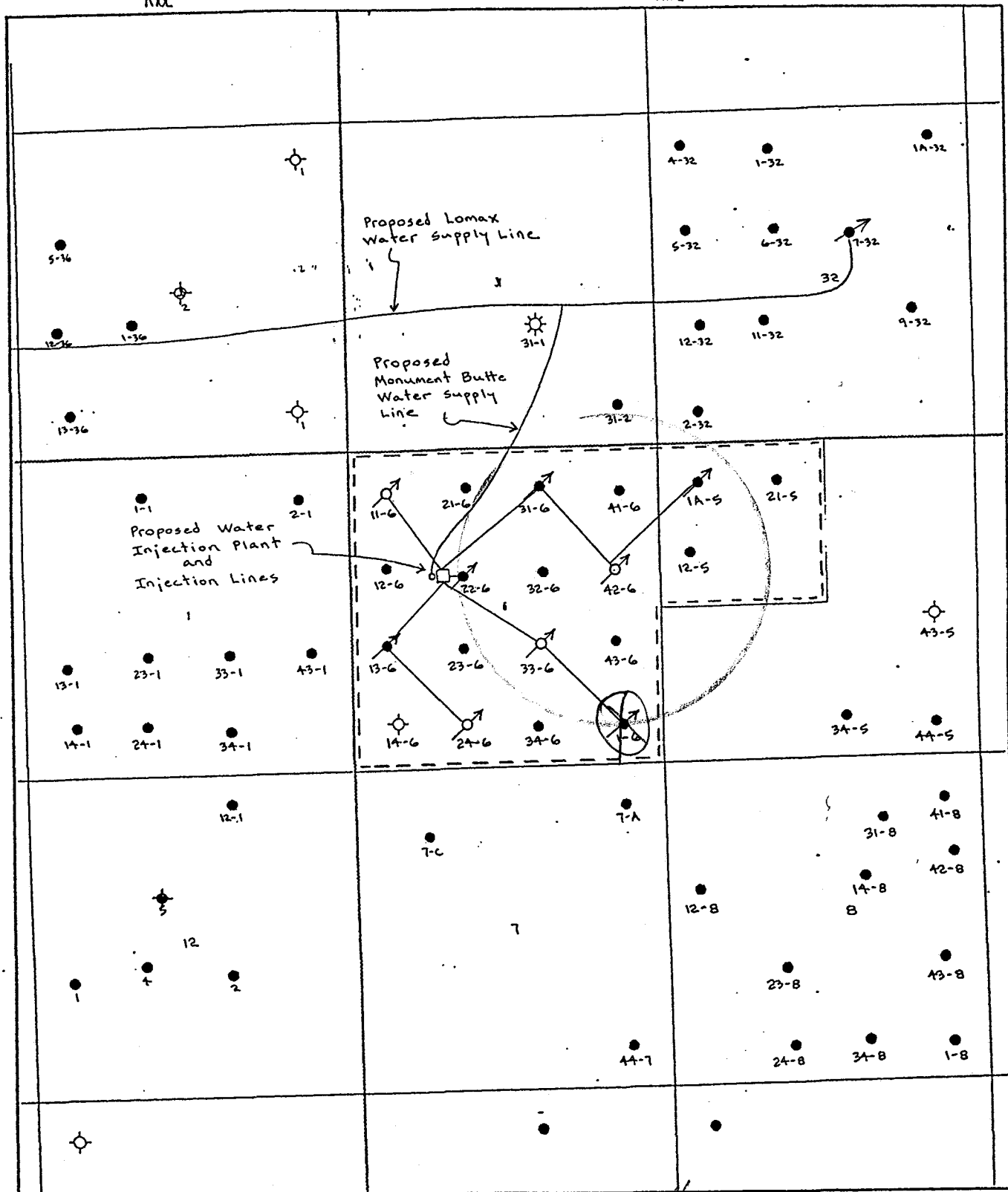
Comments:

R16E

R17E

T8S

T9S



42-6 Injection Well

4 Producers

5 Injectors

1-6
33-6
22-6
31-6
1A-5

43-6
12-5
33-6
41-6
41-6

BALCRON OIL
Monument Butte Field
 Duchesne County, UT
 June 1992
 Area-A Waterflood
 NW Sec. 5 & Sec. 6, T9S, R17E
 Figure #2

INJECTION WELL APPLICATION

REVIEW SUMMARY

Applicant: BALCRON OIL Well: 42-6

Location: section 6 township 9 SOUTH range 17 EAST

API #: 43-013-31364 Well Type: disp. enhanced recov. X

If enhanced recovery has project been approved by the Board ? NO

Lease Type: FEDERAL Surface Ownership: BLM

Field: MONUMENT BUTTE Unit: _____ Indian Country: YES

UIC Form 1: YES Plat: YES Wells in AOR: 4P, 5I,

Logs Available: YES Bond Log: _____

Casing Program: ADEQUATE

Integrity Test: AT TIME OF CONVERSION

Injection Fluid: FRESH WATER

Geologic Information: DOUGLAS CREEK MEMBER OF GREEN RIVER FORMATION,

Analyses of Injection Fluid: NO Formation Fluid: YES Compat. NO

Fracture Gradient Information: .861PSIG/FT Parting Pressure 2500 PSI

Affidavit of Notice to Owners: YES

Fresh Water Aquifers in Area: THERE ARE NO USDW'S IN AREA

Depth Base of Moderately Saline Water: 4800-5000 MEAN SEA LEVEL

Confining Interval: GREEN RIVER AND WASATCH SHALES

Reviewer: D. JARVIS Date: 11-24 -92

Comments & Recommendation THIS WELL IS BEING DRILLED, WILL NEED MIT AT TIME OF CONVERSION, NEED BOND LOG AND NEED ANALYSIS OF INJECTION FLUID.

Monument Federal #42-6
 (Proposed Location)
 SE NE Sec. 6, T9S, R17E
 Lease No. U-020252A
 MONUMENT BUTTE FIELD
 DUCHESNE CO., UTAH

Proposed Injection Well Completion Diagram

BALCRON OIL
 7-20-92

SURFACE CASING

8 5/8", K-55, 24#
 Landed @ 260' KB
 Cemented w/250 sx, Class-G, 3% CaCl.
 Cemented to surface.
 Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", J-55, 15.5#
 Landed @ 5580' KB
 Cement Data:
 250 sx Hifill w/10#/sx Gilsonite
 tailed w/180 sx 50-50 poz w/0.3%
 CFR-3, 1/4#/sx Flocele, 0.5% Halad-24
 & 10% Salt.
 Cemented to surface.
 Hole Size @ 7 7/8"

TUBING & PACKERS

2 3/8", J-55, 4.7#
 Landed @ 5230' KB

Retrievable Csg Tension Packer
 Landed @ 5234' KB

Tandem Tension Packer Landed @ 4910' KB
 Tandem Tension Packer Landed @ 4740' KB

Wireline retrievable downhole flow
 regulators set to control the flowrate
 into each injection zone.

— Uintah Formation Surface to 1400 ft.

— Green River Formation 1400 to 4100 ft.

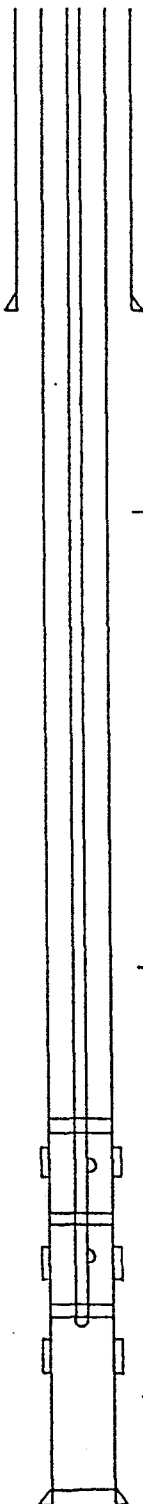
PROPOSED PERFORATIONS

4760'- 4770' (10') 2 SPF
 4930'- 4950' (20') 2 SPF
 5250'- 5270' (20') 2 SPF
 100 Holes

— Douglas Creek Member 4100 to 5350 ft.
 — Wasatch Fm. Transition 5350 to 6000 ft.

PBTD @ 5580' KB

TD @ 5600' KB





BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

CONFIDENTIAL

RECEIVED

DEC 18 1992

DIVISION OF
OIL GAS & MINING

December 16, 1992

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed are sundry notices showing our intent to complete the following wells for injection in our Monument Butte pilot waterflood project.

Balcron Monument Federal #33-6
Balcron Monument Federal #42-6

Also enclosed is summary showing the injection well perforations and producing well perforations.

If you have any questions or need further information, please let us know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY (Balcron Oil Division)

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E

1806' FNL, 921' FEL

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Federal #42-6

9. API Well No.

43-013-31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other waterflood completion
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator intends to complete this well as part of our Monument Butte pilot waterflood project. Work will be done as shown on the attached Waterflood Recompletion Procedure and Well Report. Work will begin immediately.

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: 12/29/92

By: D. James

RECEIVED

DEC 18 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Date December 16, 1992

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Federal Approval of this

Action is Necessary

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Balcron Oil
Monument Federal # 42-6
SE NE Sec.6 Twn.9S Rge.17E
Duchesne County, Utah

Waterflood Recompletion Procedure

- 1.) Move in and rig up completion rig.
- 2.) Nipple up BOP. Trip out with 2 7/8" tubing.
- 3.) Pick up retrievable bridge plug and 5 1/2" packer. Trip in hole. Set plug at 4800'. Set packer at 4700'.
- 4.) Nipple up injection head. Load casing with packer chemical. Preform MIT on casing.
- 5.) Rig down and move off completion rig.

Casing:

5799', 5 1/2", 15.50 #/ft, J-55
PBTD = 5783'KB

Tubing:

150 Joints (4620'), 2 7/8", 6.4 #/ft, J-55

Rods:

None

ATTACHMENT 1

BALCRON OIL MONUMENT BUTTE WATERFLOOD APPLICATION

INJECTION WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
MONUMENT BUTTE FED 11-6			4781-4790				5208-5215		5288-5336		
ALLEN FED 13-6			**4744-4768		+4910-4926	**5054-5066					
ALLEN FED 22-6			+4765-4771		4910-4924		5190-5200		5270-5276		
MONUMENT BUTTE FED 24-6			+4678-4681								**5556-5569
MONUMENT BUTTE FED 33-6			4658-4676		4814-4824						
MONUMENT BUTTE FED 42-6			4757-4760		**4907-4927	**5065-5068					
ALLEN FED 1-6 (SE/SE)	**4169-4180		4698-4702	**4753-4757			**5141-5145				

PRODUCING WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
ALLEN FED 12-6		4302-4326	+4780-4788	4832-4851					5280-5301		5665-5676
ALLEN FED 21-6							5173-5194	5220-5228	5277-5381	5414-5419	
ALLEN FED 23-6		4249-4267	+4735-4750	4792-4808	4890-4908				5244-5260		
ALLEN FED 31-6						5050-5056		5235-5256			
ALLEN FED 32-6		4246-4289			4912-4934			5232-5354			
ALLEN FED 34-6			4690-4715		4856-4892		5162-5177	5189-5230			
ALLEN FED 41-6		4281-4318	4750-4764		4912-4938	5062-5068		5236-5260			
ALLEN FED 43-6			4666-4680	4712-4742	4817-4848			5138-5178	5179-5205		

+ TO BE ADDED

** NOT TO BE USED FOR INJECTION

RED 1 RED 5 GREEN 3 GREEN 6 ZONES FOR INJECTION



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078

TAKE
PRIDE IN
AMERICA

IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Company Name: Balceron Oil Date: 1-7-93
Well Name: Monument Federal #42-6 ^{lease} Permit No. UTU-020252A
Field Name: Monument Buttes County: Duchesne
Well Location: SE/NE Sec 6 T 9S R 17E
Well Type: SWD ER ☒ 2H Other:
Type of Packer: See Notes Below Total Depth:
Packer Set at (depth): FT

Surface Casing Size: 8 5/8" K-55, 24" From: 249' G.L. FT to Surface FT

Casing Size: 5 1/2" J-55, 15.5" From: 5799' G.L. FT to Surface FT

Tubing Size: 2 7/8" J-55, 6.5" Tubing Pressure during Test: 0 psig

Time of Day: 1200 Noon am/pm

Fluid in Annulus: Champion Chemical, Cortron-2383 mixed 55 gal to 70 bbl 2% KCl water.

	Test #1	Test #2	Notes:
12:00 0 Min:	<u>530</u> psig	<u> </u> psig	Packers:
5	<u>530</u> psig	<u> </u> psig	ORBP set @ 4800'
10	<u>530</u> psig	<u> </u> psig	(2) Arrow Set-1
15	<u>530</u> psig	<u> </u> psig	Set @ 4699'
20	<u>530</u> psig	<u> </u> psig	
25	<u>530</u> psig	<u> </u> psig	
30	<u>530</u> psig	<u> </u> psig	
35	<u>530</u> psig	<u> </u> psig	
40	<u>528</u> psig	<u> </u> psig	
45	<u>528</u> psig	<u> </u> psig	
50	<u>528</u> psig	<u> </u> psig	This well was
55	<u>528</u> psig	<u> </u> psig	capped w/ 5 bbl's
1300 - 60	<u>528</u> psig	<u> </u> psig	diesel fuel to
			prevent freeze up

0.38% loss in 1 hr.

Test Conducted by: Allniter Hot Oil Service - Pat Wisener

Inspected by: John Jellitti - Balceron Jerry Barnes - B.L.M.

Others Present: John Berrier - State of Utah

Dan Jarvis - State of Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved,
Budget Bureau No. 1004-013
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. SERV. ☐ Other _____

CONFIDENTIAL

2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1806' FNL, 921' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-013-31364
DATE ISSUED 7-27-92

5. LEASE DESIGNATION AND SERIAL NO.
U-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

n/a

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#42-6

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA

SE NE Sec. 6, T9S, R17E

12. COUNTY OR PARISH Duchesne
13. STATE UTAH

15. DATE SPUDDED 10-13-92
16. DATE T.D. REACHED 10-31-92
17. DATE COMPL. (Ready to prod.) 11-24-92
18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 5,580' GL
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5,800'
21. PLUG BACK T.D., MD & TVD 5,772'
22. IF MULTIPLE COMPL., HOW MANY* N/A
23. INTERVALS DRILLED BY Sfc. - TD
ROTARY TOOLS
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4,757' - 5,068'
25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL-MSFL, CDL-DSN-GR

27. WAS WELL CORED no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259'	12-1/4"	150 sxs 75% "G"	none
				25% PoZ with 2% CaCl	
5-1/2"	15.5#	5,799'	7-7/8"	217 sxs Hilift with Additives	none
				447 sxs "G" with Additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4,667'	N/A

31. PERFORATION RECORD (Interval, size and number)

4757', 4760', 4907', 4911', 4915', 4919', 4923',
4927', 5065', 5068'

10 holes total - 4" casing guns

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4757' - 5068'	750 gallons - 15% HCL
	51,670# 16/30 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
N/A		Swabbed				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-23-92	5	N/A	→	1	7L1M	1	N/A
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	N/A	→	4.8		4.8	Not Measured	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

N/A

TEST WITNESSED BY

Al Plunkett

35. LIST OF ATTACHMENTS

Well SI - will be converted to injection well.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Bobbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 2/17/93
Bobbie Schuman

*(See Instructions and Spaces for Additional Data on Reverse Side)

BALCRON OIL

WELL NAME: Balcron Monument Federal #42-6
 FIELD: Monument Butte
 FEDERAL LEASE NO.: U-020252A
 LOCATION: SE NE Sec.6,T9S,R17E
 COUNTY/STATE: Duchesne County,Utah
 WORKING INTEREST: 0.79942652
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-24-92
 INITIAL PRODUCTION: 1 STBOPD, TSTM MCF, 1 STBWPD
 PRESENT PROD STATUS: Water Injection Well
 Started Water Inj. 1-22-93
 ELEVATIONS - GROUND: 5308'
 TOTAL DEPTH: 5800'

SURFACE CASING

STRING: 1
 CSG SIZE: 8 5/8"
 GRADE: J-55
 WEIGHT: 24 lbs.
 LENGTH: 249'
 DEPTH LANDED: 259'KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sx 75% Class - G
 & 25% Litpoz

WELL REPORT

DATE: 2-19-94 JZ
 API NO.: 43-013-31364

NET REVENUE INT.: 0.72981781 Oil
 0.65881769 Gas
 SPUD DATE: 10-13-92
 BHT: 154 Deg.F
 KB: 5318' (10'KB)
 PLUG BACK TD: 5783'KB

PRODUCTION CASING

STRING: 1
 CSG SIZE: 5 1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 5816'
 DEPTH LANDED: 5799'KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 217 sx hifil &
 447 sx Class - G

CEMENT TOP AT:
 990'KB from CBL

INJECTION EQUIPMENT & SIZE	LENGTH FT.	SETTING DEPTH (W/10'KB)FT.
1)152jts 2 7/8",J-55 tbg	4672.70'	10'
2)2 7/8" SN w/2.25" ID	1.10'	4682.70
3)5.5" Arrow Set 1 Pkr	6.20'	4683.80
End Of Tbg String		4690.00'

Injection Packers Set 9-15-93 By Mtn States.

2.875" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/20,000 lbs compression.
 Packer fluid,55 gals Champion Cortron #23-83 w/60 STBW.

INJECTION HORIZONS

Red 1 @ 4757'-4760'
 Red 5 @ 4907'-4927'
 Green 1 @ 5065'-5068'

FRAC JOB

4757'-5068'
 Dowell Frac w/51,670 lbs. sand & 543 bbls gel.
 Ave. 35 BPM @ 3300psig. Screen out after 8ppg sand
 on perfs. ISIP @ 4289psig, 5 min @ 1661psig,
 10 min @ 942psig, 15 min @ 640psig.

PERFORATIONS

4757',4760' (2 Holes)
 4907',4911',4915' (3 Holes)
 4919',4923',4927' (3 Holes)
 5065', 5068' (2 Holes)

Reperforate above zones 9-13-93.
 4756'- 4760', 4906'- 4928' w/2 SPF
 5064'- 5070' w/2 SPF

ACID JOB

Breakdown w/Dowell
 5065'-5068' Spot 250 gal. 15% HCl acid,
 BD @ 1930, Avg. 3.8 STBPM @ 2250psig, ISIP @ 1450psig.
 4907'-4927' Spot 250 gal 15% HCl acid, BD @ 1570,
 Dropped Balls, 3.7 STBPM @ 2010psig, ISIP @ 130psig
 4757'-4760' Spot 250 gal. 15% HCl acid, BD @ 3140,
 4.0 STBPM @ 1640psig, ISIP @ 830psig.

5064'- 5070' Breakdown w/ Western 9-14-93,
 500 gals 15% HCl acid w/24 ball sealers.
 4906'- 4928' Breakdown w/ Western 9-14-93,
 1000 gals 15% HCl acid w/96 ball sealers.
 4756'- 4760' Breakdown w/ Western 9-14-93,
 500 gals 15% HCl acid w/24 ball sealers.

Balcron Monument Federal #42-6
SE NE Sec. 6, T9S, R17E
Lease No.
MONUME U-020252A
DUCESNE CO., UTAH

Injection Well Completion Diagram

BALCRON OIL
9-18-94 JZ

SURFACE CASING

8 5/8", K-55, 24#
Landed @ 260' KB
Cemented W/250 sx, Class-G, 3% CaCl.
Cemented to surface.
Hole Size @ 12 1/4"

PRODUCTION CASING

5 1/2", J-55, 15.5#
Landed @ 5580' KB
Cement Data:
250 sx HiFill w/10#/sx Gilsomite
tailed w/180 sx 50-50 poz w/0.3%
CFR-3, 1/4#/sx Flocele, 0.5% Halad-24
& 10% Salt.
Cemented to surface.
Hole Size @ 7 7/8"

INJECTION EQUIPMENT & SIZE	LENGTH FT.	SETTING DEPTH (W/10'KB) FT.
1) 146jts 2 7/8", J-55 tbq	4672.70'	10'
2) 2 7/8" SN w/2.25" ID	1.10'	4682.70'
3) 5.5" Arrow Set 1 Pckr	6.20'	4683.80'
End Of Tbg String		4690.00'

Injection Packers Set 9-15-93 By Mtn States.

2.875" SN ID @ 2.25".
Arrow Set-1 Pkr set w/20,000 lbs compression.
Packer fluid, 55 gals Champion Corton #23-83
w/ 60 STBW.

INJECTION HORIZONS

Red 1 @ 4757'-4760'
Red 5 @ 4907'-4927'
Green 1 @ 5065'-5068'

- Uintah Formation Surface to 1400 ft.

- Green River Formation 1400 to 4100 ft.

- Arrow Set-1 Packer @ 4690 ft.

PERFORATIONS

4757', 4760' (2 Holes)
4907', 4911', 4915' (3 Holes)
4919', 4923', 4927' (3 Holes)
5065', 5068' (2 Holes)

Reperforate above zones 9-13-93.
4756'- 4760', 4906'- 4928' w/2 SPF
5064'- 5070' w/2 SPF

- Douglas Creek Member 4100 to 5350 ft.

- Wasatch Fm. Transition 5350 to 6000 ft.

PBTD @ 5580' KB
TD @ 5600' KB

- Wasatch Formation 6000 ft.



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

FEB 22 1993

February 17, 1993

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Balcron Monument Federal #42-6
SE NW Section 6, T9S, R17E
Duchesne County, Utah

Enclosed are the Well Completion Report and Report of
Water Encountered for the referenced well.

Sincerely,

Molly Conrad

Molly M. Conrad
Operations Secretary

/mc

Enclosures

RECEIVED

FEB 22 1993

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7

DIVISION OF
OIL, GAS & MINING

1. Well name and number: Balcron Monument Federal #42-6
API number: 43-013-31364
2. Well location: QQ SE NE section 6 township 9S range 17E county Duchesne
3. Well operator: BALCRON OIL
Address: P.O. Box 21017 phone: (406) 259-7860
Billings, MT 59104
4. Drilling contractor: Molen Drilling
Address: P.O. Box 2222 phone: (406) 252-2591
Billings, MT 59103

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
No measurable water encountered during drilling operations.			

6. Formation tops: See Geologic Report sent separately.
- _____
- _____
- _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Coordinator of Environmental Date 2/17/93
and Regulatory Affairs

Comments:

BALCRON OIL**WELL REPORT**

WELL NAME: Balcron Monument Federal #42-6
FIELD: Monument Butte
FEDERAL LEASE NO.: U-020252A
LOCATION: SE NE Sec. 6, T9S, R17E
COUNTY/STATE: Duchesne, UT
WORKING INTEREST: 1.00
PRODUCING FORMATION: Green River
COMPLETION DATE:
INITIAL PRODUCTION:
OIL/GAS PURCHASER:
PRESENT PROD STATUS:
ELEVATIONS - GROUND: 5308'
TOTAL DEPTH: 5800'

API NO.: 43-013-31364

NET REVENUE INT.: 0.825

SPUD DATE: 10/23/92
OIL GRAVITY:
BHT: 154 Degrees
DATE: 7/30/92
KB: 5318' (10'KB)
PLUG BACK TD: 5783'KB

SURFACE CASING

STRING: 1
CSG SIZE: 8 5/8"
GRADE: K-55
WEIGHT: 24 lbs.
LENGTH: 249'
DEPTH LANDED: 259'KB
HOLE SIZE: 12 1/4"
CEMENT DATA: 150 sx 75% Class - G
& 25% Litpoz

PRODUCTION CASING

STRING: 1
CSG SIZE: 5 1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 5816'
DEPTH LANDED: 5799'KB
HOLE SIZE: 7 7/8"
CEMENT DATA: 217 sx hifil &
447 sx Class - G

CEMENT TOP AT: 990'KB from CBL

TUBING RECORD

SIZE/GRADE/WT.: 2 7/8", J-55, 6.5#
NO. OF JOINTS: 150 LENGTH: 4620'
TUBING LANDED AT: 4667'KB
TUBING ANCHOR: NA
SEATING NIPPLE: 2 7/8"x2.25"x1.0'
PERF. SUB: 2 7/8"x3'
MUD ANCHOR: 2 7/8"x31'
PACKER:

SUCKER ROD RECORD

PUMP SIZE:
STROKE LENGTH:
PUMP SPEED, SPM:
PUMPING UNIT SIZE:
PRIME MOVER:

PERFORATIONS

Schlumberger
4757, 4760, 4907, 4911, 4915,
4919, 4923, 4927, 5065, 5068,
w/10 shots

ACID JOB

Breakdown w/Dowell
5065'-5068' Spot 250 gal. 15% HCl acid,
BD @ 1930, Avg. 3.8 STBPM @ 2250psig, ISIP @ 1450psig

4907'-4927' Spot 250 gal 15% HCl acid, BD @ 1570,
Dropped Balls, 3.7 STBPM @ 2010psig, ISIP @ 130psig

4757'-4760' Spot 250 gal. 15% HCl acid, BD @ 3140,
4.0 STBPM @ 1640psig, ISIP @ 830psig.

FRAC JOB

4757'-5068'
Dowell Frac w/51,670 lbs. sand & 543 bbls gel.
Ave. 35 BPM @ 3300psig, Screen out after 8ppg sand
on perms. ISIP @ 4289psig, 5 min @ 1661psig,
10 min @ 942psig, 15 min @ 640psig.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING**CONFIDENTIAL****WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. U-020252-A (Federal #)	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESV. <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME n/a	
2. NAME OF OPERATOR EQUITABLE RESOURCES ENERGY COMPANY				7. UNIT AGREEMENT NAME n/a	
3. ADDRESS OF OPERATOR P.O. Box 21017, Billings, MT 59104				8. FARM OR LEASE NAME Balcron Monument Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1806' FNL, 921' FEL At top prod. interval reported below At total depth				9. WELL NO. #42-6	
14. API NO. 43-013-31364				12. COUNTY Duchesne	
DATE ISSUED 7-27-92				13. STATE Utah	
15. DATE SPUDDED 10-13-92		16. DATE T.D. REACHED 10-31-92		17. DATE COMPL. (Ready to prod.) 11-24-92 (XXXXXX)	
18. ELEVATIONS (DF, RES, RT, CR, ETC.) 5,580' GL		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5,800'	
21. PLUG BACK T.D., MD & TVD 5,772'		22. IF MULTIPLE COMPL., HOW MANY n/a		23. INTERVALS DRILLED BY Sfc. - TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Green River 4,757' - 5,068'				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL-MSFL, CDL-DSN-GR MUDLOG 173-92				27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	259'	12-1/4"	150 sxs 75% "G"	none
5-1/2"	15.5#	5,799'	7-7/8"	25% Poz with 2% CaCl	none
				217 sxs Hilift with Additives	none
				447 sxs "G" with Additives	
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	PACKER SET (MD)
n/a					
31. PERFORATION RECORD (Interval, size and number) 4757', 4760', 4907', 4911', 4915', 4919', 4923', 4927', 5065', 5068' 10 holes total - 4" casing gun				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	
				AMOUNT AND KIND OF MATERIAL USED	
				4757' - 5068'	
				750 gallons - 15% HCL	
				51,670# 16/30 sand	
33. PRODUCTION					
DATE FIRST PRODUCTION n/a		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Swabbed			WELL STATUS (Producing or shut-in) SI
DATE OF TEST 11-23-92	HOURS TESTED 5	CHOKE SIZE n/a	PROD'N. FOR TEST PERIOD →	OIL—BSL. 1	GAS—MCF. TLTH
WATER—BSL. 1	GAS-OIL RATIO n/a				
FLOW, TUBING PRESS. n/a	CASING PRESSURE n/a	CALCULATED 24-HOUR RATE →	OIL—BSL. 4.8	GAS—MCF. →	WATER—BSL. 4.8
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) n/a				OIL GRAVITY-API (CORR.) Not measured	
35. LIST OF ATTACHMENTS Well SI - will be converted to injection well.				TEST WITNESSED BY Al Plunkett	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Bobbie Schuman</u>		TITLE <u>Coordinator of Environmental and Regulatory Affairs</u>		DATE <u>2/17/93</u>	

See Spaces for Additional Data on Reverse Side

INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top	True Vert. Depth
			No DSTs run.	See Geologic Report to be sent separately.			

38. GEOLOGIC MARKERS

DAILY OPERATING REPORT

BALCRON MONUMENT #42-6

43-013-31364

Location: SE NE Section 6, T9S, R17E

Duchesne County, Utah

1980' FNL 660' FEL

PTD: 6,200' Formation: Top of Wasatch

Green River Prospect

Elevations: 5308.6' GL

Contractor: Molen Drilling Rig #1

Operator: Balcron Oil

Spud: 10-13-92 @ 9 a.m.

Casing: 8-5/8" @ 207'

5-1/2" @ 5799'

Tubing: 2-7/8" @ 4667.22' KB

---TIGHT HOLE---

RECEIVED

FEB 22 1993

DIVISION OF
OIL, GAS & MINING

10-14-92 TD: 190' (190') Day 1
Formation: Duchesne
Present Operation: Drilling surface.
MI Parker Air Drill. Spud 8-3/4" pilot hole @ 9 a.m. 10-13-92. Drill to 190'. SDFN.

10-23-92 TD: 272' (0') Day 1
MW f/w
Move in drilling rig & rig up. Had to get jack-hammer out to dig collar around surface pipe. Weld on head. NU, test BOP & manifold to 2000#. Test csg to 1500# - OK. PU drill collars. Drill cmt.
DC: \$3,568 CC: \$30,127

10-24-92 TD: 1,355' (1,083') Day 2
Formation: Duchesne
MW 8.4 VIS 26 pH 9.2
Present Operation: Drilling
Drill cmt & guide shoe. Drill, survey, & clean on rig.
DC: \$15,114 CC: \$45,241

10-25-92 TD: 2,349' (994') Day 3
Formation: Horseshoe Bench
MW 8.4 VIS 26 pH 10.2
Present Operation: Trip for bit.
Drill, survey, trip for bit. Bit #1RR Green. Set clock back 1 hr. Background Gas - 20 units.
DC: \$13,308 CC: \$58,549

10-26-92 TD: 3,110' (161') Day 4
Formation: Green River
MW 8.4 VIS 26 pH 10.4
Present Operation: Drilling
Finish trip in. Drill, survey, & clean on rig. Over the drilling nipple pay 2720'. Still going over a little this a.m. Background Gas - 2000-2500. Connection Gas - same.
DC: \$10,627 CC: \$69,176

RECEIVED

FEB 22 1993

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

---TIGHT HOLE---

10-27-92 TD: 3,850' (740') Day 5
Formation: Green River
MW 8.4 VIS 26 pH 9.7
Present Operation: Drilling
Drill, work on boiler, survey, & clean on rig.
Background Gas - 200-300 units.
DC: \$10,820 CC: \$79,996

10-28-92 TD: 4,447' (597') Day 6
Formation: Green River
MW 8.5 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, clean on rig. Unload 130 jts, 5-1/2" csg.
Background Gas - 1400 units.
DC: \$9,664 CC: \$89,660

10-29-92 TD: 5,015' (568') Day 7
Formation: Green River
MW 8.5 VIS 26 pH 9.8
Present Operation: Drilling
Drill, survey, and clean on rig. Nice rain. Background
Gas - 800 units.
DC: \$9,232 CC: \$98,892

10-30-92 TD: 5,348' (333') Day 8
Formation: Green River
MW 8.5 VIS 26 pH 9.9
Present Operation: Drilling
Drill, survey, clean on rig, trip for bit & drill ahead.
Background Gas - 600 units.
DC: \$5,984 CC: \$104,876

10-31-92 TD: 5,800' (452') Day 9
Formation: Green River
MW 8.5 VIS 26 pH 9.5
Present Operation: Trip out.
Drill, circ for logs, drop survey, start TOH, & SLM.
DC: \$8,174 CC: \$113,050

11-1-92 TD: 5,800' (0') Day 10
Formation: Green River
Present Operation: Running 5-1/2" csg.
Finish TOH. Log w/Halliburton, had to hotshot part for
a tool from Vernal. TIH w/collars & drill pipe. Circ,
LD drill pipe & collars. RU & start running 5-1/2" csg.
SLM - 5800'; Board - 5800'; Loggers' - 5797'.
DC: \$14,360 CC: \$127,410

RECEIVED

FEB 22 1993

DAILY OPERATING REPORT

BALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING
---TIGHT HOLE---

- 11-2-92 TD: 5,800' (0') Day 11
Formation: Green River
Present Operation: Moving rig off.
Finish running 5-1/2" csg. Cmt w/Dowell. Set slips, cut csg off, nipple down, & move tanks. Csg detail: 5-1/2" guide shoe (.60); cut off 5-1/2", 15.5#, J-55 (12.2'); 5-1/2" float collar (2.84'); 128 jts 5-1/2", 15.5#, J-55 csg (5800.37'). Csg landed @ 5799', PBTD 5783', 20 centralizers. Cmt w/217 sxs Hilift w/additives. tail w/447 sxs Class "G" w/additives. Plug down 10 a.m. 11-1-92. Release rig @ 2 p.m. 11-1-92.
DC: \$48,270 CC: \$175,680
- 11-13-92 Completion
MIRU pulling unit. PU bit & scraper. NU BOP. Run 2-7/8" tbg in to 5772' & circ hole w/2% KCL wtr. Pull tbg out of hole. SDFN.
DC: \$11,414 CC: \$191,022
- 11-14-92 Completion
RU Schlumberger & run collar & bond log. Perf 4757', 4760', 4907', 4911', 4915', 4919', 4923', 4927', 5065' & 5068'. 10 holes. Run packer & bridge plug & break down 3 zones @ 1930#, get 3.8 bbls/min @ 2250#. ISDP 1450. Bled off & move up, 4907', 4911', 4915', 4919, 4923', 4927'. Spot 250 gals 15% acid & break down @ 1570#, drop 10 RCN balls & get ball action from 690# up to 2010# @ 3.7 bbls/min. ISDP - 130#. One min on vac, move up to 4757', 4760', & spot 250 gal is acid. Break down @ 3140#. Get 4 bbls/min @ 1640#. ISDP - 830#, bled pressure off & move plug below all perfs & packer set @ 4710' & start swabbing. FL down @ 900'. Swab 20 bbls to packer & wait 30 min & have 300' fluid. Wtr w/a little gas. SWI & SDFN. Load to recover 72 bbls. Recover 29 bbls.
DC: \$8,515 CC: \$199,537
- 11-15-92 Completion
Well shut-in.
- 11-16-92 Completion
TP - 275#, FL - 3200'. Swab right down, wait 30 min & have 300', make 2 more pulls 30 min each. Get 200' fluid each pull 50% oil. Recover 16 bbls oil & 6 bbls wtr. Release packer & retrieve plug. POOH & get ready for frac. SWI - SDFN. Dowell will frac well 11-18-92 in a.m. Will leave shut-in.
DC: \$3,500 CC: \$203,037

RECEIVED

FEB 22 1993

DAILY OPERATING REPORTBALCRON MONUMENT #42-6

Location: SE NE Section 6, T9S, R17E
Duchesne County, Utah

DIVISION OF
OIL, GAS & MINING

---TIGHT HOLE---

- 11-18-92 Completion
RU Dowell to frac. Wtr heated to 115°. Average BPM 35, average pressure 3300. Screened out fast after 8# sand was on perfs. Had just started flush. Left 23000# & sand in csg. Approximately 1800'. Instant shut down pressure 4289#, 5 min 1661#, 10 min 942#, 15 min 640#. 51,670# sand in perfs, 543 bbls wtr. SWI & SDFN.
DC: \$28,376 CC: \$231,413
- 11-19-92 Completion
TIH w/tbg circ out unbroken gel. SDFN.
- 11-20-92 Completion
Well on slight vacuum. Tag sand @ 3020'. Start circ sand out. Gel broke OK. Get circulated down to 4620'. Pull 3 stds, SWI & drain pump & lines. SDFN.
DC: \$1,740 CC: \$234,298
- 11-21-92 Completion
Well on vac. Took 30 bbls to fill hole. Sand bridged off @ 4970' +/- . Circ clean & tag sand again @ 5660'. Circ sand to PBTD 5772' & circ hole clean. TOH & PU packer w/1 jt tbg below & TIH. Set packer w/end of tbg @ 4670' +/- . Swab down to packer @ 4640. Make one run after swab down & get 200' fluid w/a little oil. SWI & SDFN. Swab total of 33 bbls.
DC: \$2,840 CC: \$237,238
- 11-22-92 Completion
TP - 25#, FL - 3750'. Make 2 pulls from packer & recover 9-1/2 bbls, 75% oil. make 1 pull per hr for 5 hrs & get 50-60' an hr (4 or 5 gals). Fill tbg w/wtr & release packer & go down 3 jts below perfs, no sand. TOH & get ready for GR log. SWI & SDFN. Swab total of 10-1/2 bbls.
DC: \$1,850 CC: \$239,088
- 11-23-92 Completion
RU OWP & run GR log over perfs. Sand went in all perfs. Run production string tbg in hole. Nipple down BOP & rig down pulling unit. Start cleaning flat tank on circulator. SDFN. SWI. Tbg detail: Notched collar - .35'; 1 jt 2-7/8" J-55 tbg - 30.54'; perforated sub - 3'; seating nipple - 1' @ 4632.33'; 150 jts 2-7/8" j_55 tbg 4620.33'; KB - 12'; tbg set @ 4667.22' KB.
DC: \$3,880 CC: \$242,968



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

Page 7 of 7

Operator name and address:

BALCRON OIL

Utah Account No. _____

Report Period (Month/Year) _____

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
BALCRON MONUMENT FED 42-6							
43-013-31364	11431 9S 17E 6	GRRV		1010			
BALCRON MONUMENT FED 41-15							
43-013-31367	99999 9S 16E 15						
BALCRON MONUMENT FED 32-15							
43-013-31368	99999 9S 16E 15						
BALCRON MONUMENT FED 23-11							
43-013-31369	99999 9S 16E 11						
BALCRON MONUMENT FED 13-5							
43-013-31370	99999 9S 17E 5						
BALCRON MONUMENT FED 23-15							
43-013-31373	99999 9S 16E 15						
BALCRON MONUMENT FED 14-11							
43-013-31374	99999 9S 16E 11						
BALCRON MONUMENT FED 24-5							
43-013-31375	11445 9S 17E 5	GRRV					
TOTAL							

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

MAR 01 1993

DIVISION OF
OIL GAS & MINING

February 25, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Attached are sundry notices giving details of the conversion of the following wells at the Monument Butte Field to water injection wells:

Allen Federal 31-6
Balcron Monument Federal #42-6
Balcron Monument Federal #33-6
Balcron Monument Federal #24-6
Allen Federal #13-6
Balcron Monument Federal #11-6
Allen Federal #22-6

If you have any questions or need further information, please give John Zellitti of this office a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Dan Jarvis; Utah Division of Oil, Gas & Mining
Chuck Williams, EPA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED

MAR 01 1993

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Water Injection

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY Balcron Oil

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E

1806' FNL, 921' FEL

5. Lease Designation and Serial No.

U-020252A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. 42-6

9. API Well No.

43-013- 31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was converted to a water injection well on 12/12/93. A retrievable bridge plug was set at 4800' KB to isolate the lower perforations at 4907'-4927' KB and 5065'-5068' KB. An injection packer assembly was run on 2-7/8" tubing and set at 4699' KB to isolate the injection perforations at 4757'-4760' KB. The casing annulus was displaced w/50 STB of fresh water and 55 gallons of Champion chemical corrosion inhibitor (Cortron-2383) prior to setting the packer. The backside was then pressured to 500 psig and the pressure was held for a one-hour test. Water injection was started on 1/22/93 and is presently injecting at a rate of 23 STBWD and a tubing pressure of 1500 psig. Refer to the attached wellbore diagram for tubing and packer details.

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman

Title

Coordinator of Environmental
and Regulatory Affairs

Date

February 25, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

WELL PROFILE

OPERATOR BALCON OIL COWELL # 42-6FIELD MONUMENT BUTTECOUNTY DUXHESNESTATE UTAHDATE 12-12-92☐ NEW COMPLETION☒ WORKOVER

Casing

Liner

Tubing

SIZE

5 1/2

2 7/8

WEIGHT

155

6.4

GRADE

J55

J55

THREAD

8 END

DEPTH

TD

4899'

ITEM
NO.

EQUIPMENT AND SERVICES

1	146 JTS of 2 7/8" J-55 TUBING	4697.90	+ 0-
2	2 7/8" STANDARD PUMP SEATING NUTS	1.10	4697.90
3	5/2" X 2 7/8" ARROW SET 1 PACKER	6.20	4699.00
4	5/2" MODEL "C" BRIDGE Plug RET. TOOL	2.38	4705.20
5	END of RET TOOL		4707.58
5	5/2" MODEL C BRIDGE Plug		4800.00

COMMENTS:

SN @ 2.25" ID

Packer set in compression

PREPARED BY

Marty Henline

OFFICE

VERNAL

PHONE

789-7121

MOUNTAIN
STATES

OIL TOOLS



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1363

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-CLM
2-DTS	8-LEC
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY CO FROM</u> (former operator)	<u>BALCRON OIL</u>
(address)	<u>BALCRON OIL DIVISION</u>	(address) <u>PO BOX 21017</u>
	<u>PO BOX 21017</u>	<u>BILLINGS MT 59104</u>
	<u>BILLINGS MT 59104</u>	
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N 9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: <u>**ALL WELLS**</u>	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twsp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 3-8-93)
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (3-19-93)
- Sec 6. Cardex file has been updated for each well listed above. (3-19-93)
- Sec 7. Well file labels have been updated for each well listed above. (3-19-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (3-19-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- N/A 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *930319 Re'd bond rider e H. 3-4-93.

- Fee 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Buleron Oil, A Division of Equitable Resources Energy Company.
- Fee 2. A copy of this form has been placed in the new and former operators' bond files. *Upon completion of routing.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ____ Today's date ____ 19____. If yes, division response was made by letter dated ____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

FILMING

- RWM 1. All attachments to this form have been microfilmed. Date: March 30 1993.

FILING

- Fee 1. Copies of all attachments to this form have been filed in each well file.
- Fee 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Buleron Oil Division".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well

☒ Oil Well ☐ Gas Well ☒ Other injection well

2. Name of Operator

EQUITABLE RESOURCES ENERGY COMPANY

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E

1806' FNL, 921' FEL

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

n/a

8. Well Name and No.

Balcron Monument Fed. #42-6

9. API Well No.

43-013- 31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other site security diagram
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the site security/site facility diagram for this injection well.

RECEIVED

APR 19 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Date April 15, 1993

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Site Security Diagram
Equitable Resources Energy Company
Balcron Oil Division

Balcron Monument Butte Fed. #42-6
SE NE Sec.6 Twn.9S Rge.17E
Duchesne County, Utah

Lease #: U-020252-A

NORTH



The diagram illustrates a wellhead at the top, connected by a vertical line to an injection plant at the bottom. The line is labeled '2" Steel buried line From Injection Plant'. A north arrow points towards the upper left.

Wellhead

2" Steel buried line
From Injection Plant

Injection Well:

No sealed valves

P.O. Box 21017
Billings, Montana 59104

406-259-7860



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

RECEIVED

AUG 20 1993

DIVISION OF
OIL, GAS & MINING

August 18, 1993

-- BY FAX and MAIL --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

ATTENTION: Jamie Sparger or Jerry Kenczka

Gentlemen:

I am FAXing a sundry notice reporting discharges made on some of our Monument Butte Field injection wells by Environmental Protection Agency representatives during inspections they made. The original sundry notice will be put in the mail today.

If you have any questions, please feel free to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure

cc: Utah Division of Oil, Gas and Mining (Frank Matthews)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

AUG 20 1993

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104

(406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached list

5. Lease Designation and Serial No.

U-020252A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

See attached list

9. API Well No.

See attached list

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other report of discharge

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On August 17, 1993, operator discovered that Environmental Protection Agency (Region 8) representatives conducted inspections of the injection wells on the attached list and in their inspection blew the backside down causing a mixture of diesel and water (approximately 1/2-1 bbl total per location) to discharge onto location. The diesel is used as a blanket to prevent freezing. It is estimated that approximately 1/2 yard of dirt per location was impacted. The diesel stained the soil only slightly. On the Balcron Monument Federal #24-6 there was no diesel; however, water with a trace of oil blew from the tubing string causing minor staining.

The EPA Region 8 office was notified by telephone 8/17/93.

Cleanup of the locations will be done in conjunction with upcoming proposed reworks.

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman
Bobbie Schuman
(This space for Federal or State office use)

Title

Coordinator of Environmental
and Regulatory Affairs

Date August 18, 1993

Approved by

Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Attachment to Sundry Notice

Federal Lease #U-020252A

Allen Federal #13-6
NW SW Section 6, T9S, R17E
2070' FSL, 578' FWL
API #43-013-30918

Allen Federal #22-6
NW SE Section 6, T9S, R17E
2141' FNL, 1902' FWL
API #43-013-30919

Balcron Monument Federal #11-6 *Conf*
NW NW Section 6, T9S, R17E
804' FNL, 696' FWL
API #43-013-31362

Balcron Monument Federal #24-6 *Conf*
SW SE Section 6, T9S, R17E
504' FSL, 1613' FWL
API #43-013-31363

Balcron Monument Federal #33-6 *Conf*
NW SE Section 6, T9S, R17E
1832' FSL, 1829' FEL
API #43-013-31361

Balcron Monument Federal #42-6 *Conf*
SE NE Section 6, T9S, R17E
1806' FNL, 921' FEL
API #43-013-31364

8/18/93
/rs



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

RECEIVED

SEP 02 1993

**DIVISION OF
OIL, GAS & MINING**

September 1, 1993

-- VIA FEDERAL EXPRESS --

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed are sundry notices for workovers on the wells on the enclosed list. One of the sundry notices also is a notice that we intend to convert the well to injection in accordance with our EPA permit.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining
Chuck Williams, EPA

- 1) Balcron Monument Federal #11-6
NW NW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 2) Allen Federal #13-6
NW SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 3) Balcron Monument Federal #24-6
SW SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 4) Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 5) Allen Federal #1-6
SE SE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 6) Allen Federal #31-6
NW NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 7) Allen Federal #12-6
SW NW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
- 8) Allen Federal #23-6
NE SW Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-020252A

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Fed. #42-6

9. API Well No.

43-013- 31364

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE NE Section 6, T9S, R17E
1806' FNL, 921' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other workover
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to the completion and approval of the Jonah Unit in the Monument Butte Field, Equitable Resources Energy Company, Balcron Oil Division plans to workover this well in accordance with the attached procedure. We propose to complete the well to inject water into all potential waterflood sand horizons in the Douglas Creek member of the Green River formation. Water will be injected at an approximate rate of 5 STBWPDP per foot of sand. Refer to the attached perforation table for more information.

RECEIVED

SEP 02 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs

Date 9-1-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Balcron Monument Federal #42-6
SE NE Section 6,T9S,R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County,Utah
Jonah Unit

Workover Procedure

9-1-93
JZ

Proposed Operations: Set up injection packer assembly to inject water into the RED1, RED5, and GREEN1 sands. Perforate the RED1 Zone (4 ft w/2 spf from 4756'- 4760' KB), RED5 Zone (22 ft w/2 spf from 4906'- 4928' KB), GRREN1 Zone (4 ft w/2 spf from 5064'- 5070' KB), breakdown perforations, RIH w/injection packer assembly and return the well to injection.

Existing Perforations: RED1 Zone @ 4757' & 4760' KB w/2 shots.
RED5 Zone @ 4907', 4911', 4915', 4919', 4923', 4927' KB w/6 shots.
GREEN1 Zone @ 5065' & 5068' KB w/2 shots.

Capacity Data: 5 1/2", 15.5 #, J-55 csg 0.0238 STB/FT.
2 7/8", 6.5 #, J-55 tbg 0.00579 STB/FT.
5 1/2" x 2 7/8" annulus 0.0158 STB/FT.

RECEIVED

SEP 02 1993

Workover Procedure

- 1) MIRU pulling unit, ND wellhead, NU BOP.
- 2) Release packer, RIH & retrieve RBP @ 4800' KB, TOOH w/tbg & tools.
Note: Strap tbg coming out of hole.
- 3) RU Schlumberger, RIH w/4" carrier gun & perforate as follows:
RED1 @ 4756'- 4760' KB w/2 spf.
RED5 @ 4906'- 4928' KB w/2 spf.
GREEN1 @ 5064'- 5070' KB w/2 spf.
- 4) RIH w/RBP, retrieving tool, one jnt 2 7/8" tbg, SN, packer, & 2 7/8" tbg.
- 5) Set RBP @ 5100' KB, pull the packer up hole to 5010' KB, circulate well w/ 2% KCl water to clean up the perforation debris, set packer @ 5010' KB.
Note: Csg collars @ 4982', 5026', 5071', & 5115' KB.
- 6) Rig up frac trucks to breakdown perforations.
- 7) Breakdown perms w/ 2% KCl water & 25 ball sealers, ball out perms, surge back ball sealers.
- 8) Release packer, RIH to RBP, reverse circulate ball sealers off of RBP, retrieve RBP.

DIVISION OF
OIL, GAS & MINING

- 9) Pull up hole & set RBP @ 4960' KB, pull the packer up hole & set @ 4860' KB, load backside w/2% KCl water.
Note: Csg collars @ 4845', 4889', 4935', & 4982' KB.
- 10) Breakdown perms w/ 2% KCl water & 88 ball sealers, ball out perms, surge back ball sealers.
- 11) Release packer, RIH to RBP, reverse circulate ball sealers off of RBP, retrieve RBP.
- 12) Pull up hole & set RBP @ 4780' KB, pull the packer up hole & set @ 4700' KB, load backside w/2% KCl water.
Note: Csg collars @ 4669', 4713', 4760', & 4804' KB.
- 13) Breakdown perms w/ 2% KCl water & 20 ball sealers, ball out perms, surge back ball sealers.
- 14) Release packer, RIH to RBP, reverse circulate ball sealers off of RBP, retrieve RBP, TOOH w/tbg & tools.
- 15) RIH w/injection packer, SN, & tbg, inspect all treads & collars on tbg going into hole, land packer @ 4700' KB, load csg annulus with Champian corrosion inhibitor (55 gals Cortron #23-83 w/60 STB water), cap off annulus w/diesel, set injection packer @ 4700' KB, flange up wellhead.
Note: Csg collars @ 4669' & 4713' KB.
- 16) Pressure test the csg annulus to 600 psig for the integrity test, contact Jerry Barns w/the Vernal BLM to witness the test. Test is to be held @ 500 psig or greater for one hour.
- 17) Return the well to injection at a rate of 140 STBWPD.
- 18) Let well injection pressure stabilize and run injection profile.
- 19) Determine from injection profile if it is necessary to run isolation packers and injection orifices to force water into all potential flood zones.

Balcron Oil
Jonah Unit Waterflood
Section 6,T9S,R17E
Monument Butte Field
Duchesne County,Utah

INJECTION WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
MONUMENT FED #11-6			4781-4790			++5044-5079	5208-5220		5288-5336		
ALLEN FED #13-6			4744-4768		4910-4930	5054-5066					
ALLEN FED #22-6			4765-4771		4910-4924		5190-5200		5270-5276		
MONUMENT FED #24-6			4678-4681		++4811-4842			++5141-5157	++5165-5181		**5556-5569
ALLEN FED #31-6						5050-5056		5235-5256			
MONUMENT FED #33-6			4656-4676		4814-4824						
MONUMENT FED #42-6			4756-4760		4906-4928	5064-5070					
ALLEN FED #1-6	**4169-4180		4698-4704	4752-4758			5140-5148				

Presently Injecting
Existing Perforations Proposed For Injection.
++ TO BE ADDED
** NOT TO BE USED FOR INJECTION

PRODUCING WELL PERFORATIONS

WELL NAME	ZONE NAME:	YELLOW	RED 1	RED 2	RED 5	GREEN 1	GREEN 3	GREEN 4	GREEN 5	GREEN 6	BLUE
ALLEN FED 12-6		4302-4326	++4780-4788	4832-4851		++5051-5055			5280-5301		5665-5676
ALLEN FED 21-6			Possible				5173-5194	5220-5228	5277-5381	5414-5419	
ALLEN FED 23-6		4249-4267	++4735-4750	4792-4808	4890-4908			++5221-5234	5244-5260		
ALLEN FED 32-6		4246-4289			4912-4934			5232-5354			
ALLEN FED 34-6			4690-4715		4856-4892		5162-5177	5189-5230			
ALLEN FED 41-6		4281-4318	4750-4764		4912-4938	5062-5068	Possible	5236-5260			
ALLEN FED 43-6			4666-4680	4712-4742	4817-4848			5138-5178	5179-5205		

Mechanical Integrity Test

Casing or Annulus Pressure Test for Well UT2642-03737

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466
This form was printed on 08/26/93.

EPA Witness: _____ Date 9/17/93 Time Noon am/pm

Test conducted by: Bill Muir - Balcon

Others present: Jerry Barnes - B.L.M.

Equitable Energy Resources Company, Billings, MT		Op ID EQR02
MONUMENT FEDERAL #42-6	2R UC	as of 12/22/92
MONUMENT BUTTE	SENE	06 09S 17E
Indian? Yes, UINTAH-OURAY	Compliance staff: WILLIAMS	

Last MIT: Passed 01/07/93 Witnessed by EPA

Time (minutes)	Test #1	Test #2	Test #3
0	<u>740</u> psig	_____ psig	_____ psig
5	<u>740</u>	_____	_____
10	<u>740</u>	_____	_____
15	<u>740</u>	_____	_____
20	<u>740</u>	_____	_____
25	<u>740</u>	_____	_____
30	<u>740</u>	_____	_____
35	<u>740</u>	_____	_____
40	<u>740</u>	_____	_____
45	<u>740</u>	_____	_____
50	<u>740</u>	_____	_____
55	<u>740</u>	_____	_____
60	<u>740</u>	_____	_____
Tubing pressure	<u>0</u> psig	_____ psig	_____ psig

Result(circle) Pass Fail

Pass Fail

Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments and compliance followup.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078



IN REPLY REFER TO:

Phone (801) 789-1362

FAX (801) 789-3634

MECHANICAL INTEGRITY PRESSURE TEST CASING/TUBING ANNULUS

Lease No. UTU-020252A

Company Name: Balcon Oil Date: 9-17-93

Well Name: Monument Federal # 42-6 Permit No. _____

Field Name: Monument Buttes County: Duchesne

Well Location: SE/NE Sec 6 T 9S R 17E

Well Type: SWD _____ ER ☒ 2H _____ Other: _____

Type of Packer: 5 1/2" Arrow Set One Total Depth: _____

Packer Set at (depth): 4700' FT

Surface Casing Size: 8 5/8", K-55, 24" From: 249' G.L. FT to Surface FT

Casing Size: 5 1/2", J-55, 15.5" From: 5799 G.L. FT to Surface FT

Tubing Size: 2 7/8", J-55, 6.5" Tubing Pressure during Test: 0 psig

Time of Day: Noon am/pm

Fluid in Annulus: Champion Chemical, Cortron-2383 mixed 55gal to 70 bbl 2% KCL wat

	Test #1	Test #2
12:00 0 Min:	<u>740</u> psig	_____ psig
5	<u>740</u> psig	_____ psig
10	<u>740</u> psig	_____ psig
15	<u>740</u> psig	_____ psig
20	<u>740</u> psig	_____ psig
25	<u>740</u> psig	_____ psig
30	<u>740</u> psig	_____ psig
35	<u>740</u> psig	_____ psig
40	<u>740</u> psig	_____ psig
45	<u>740</u> psig	_____ psig
50	<u>740</u> psig	_____ psig
55	<u>740</u> psig	_____ psig
60	<u>740</u> psig	_____ psig

Test Conducted by: Allwater Hot Oil Service - Pat Wisner

Inspected by: Bill Muir - Balcon

Others Present: Jerry Barnes - B.L.M.



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

RECEIVED

JAN 05 1994

DIVISION OF
OIL, GAS & MINING

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

December 29, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

Enclosed are sundry notices reporting work done on the following wells:

Allen Federal #1-6

Balcron Monument Federal #11-6

Allen Federal #13-6

Balcron Monument Federal #24-6

Allen Federal #31-6

*Balcron Monument Federal #42-6 43-013-31364

Allen Federal #12-6

Allen Federal #23-6

Federal #2-1

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-020252A

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Fed. #42-6

9. API Well No.
43-013-31364

10. Field and Pool, or Exploratory Area
Monument Butte/Green River

11. County or Parish, State
Duchesne County, UTAH

SUBMIT IN TRIPLICATE

JAN 03 1994

1. Type of Well
☒ Oil Well ☐ Gas Well ☒ Other injection well

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NE Section 6, T9S, R17E.
1806' FNL, 921' FEL

DIVISION OF
OIL, GAS & MINING

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other work done	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Work was done on this well in accordance with the attached report. Also attached is a copy of the MIT which was performed on this well.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date December 28, 1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EREC Balcron Oil Division

Jonah Unit

Monument Butte Field

Attachment to Sundry Notice for work completed.

Balcron Monument Federal #42-6
SE NE Section 6, T9S, R17E
Lease No. U-020252A
Monument Butte Field
Duchesne County, Utah
Jonah Unit

As per verbal approval from Ed Forsman on 9-3-93, the following work was performed:

- 1) MIRU Welltech Well Service.
- 2) Reperforate the Red-1, Red-5, & Green-1 zones w/2 spf.
RED1 Zone @ 4756'- 4760' KB w/2 spf.
RED5 Zone @ 4906'- 4928' KB w/2 spf.
GREEN1 Zone @ 5064'- 5070' KB w/2 spf.
- 3) Breakdown each zone w/500 gals of 15% HCl acid & 24, 96, & 24 ball sealers respectively.
- 4) Set up injection packers to inject water into the Red-1, Red-5, and Green-1 zones.

5 1/2" Arrow Set-1 Pkr @ 4700' KB.
- 5) Test casing & packers to 740 psig for one hour.
- 6) Return well to injection.



EQUITABLE RESOURCES
ENERGY COMPANY

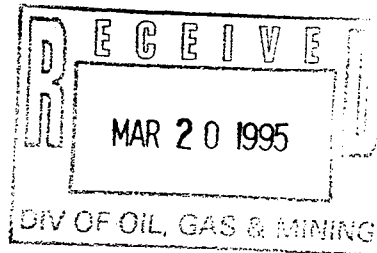
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒



March 16, 1995

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Attached are copies of the injection profile reports for our enhanced recovery wells in the Jonah Unit.

If you have any questions, please call John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

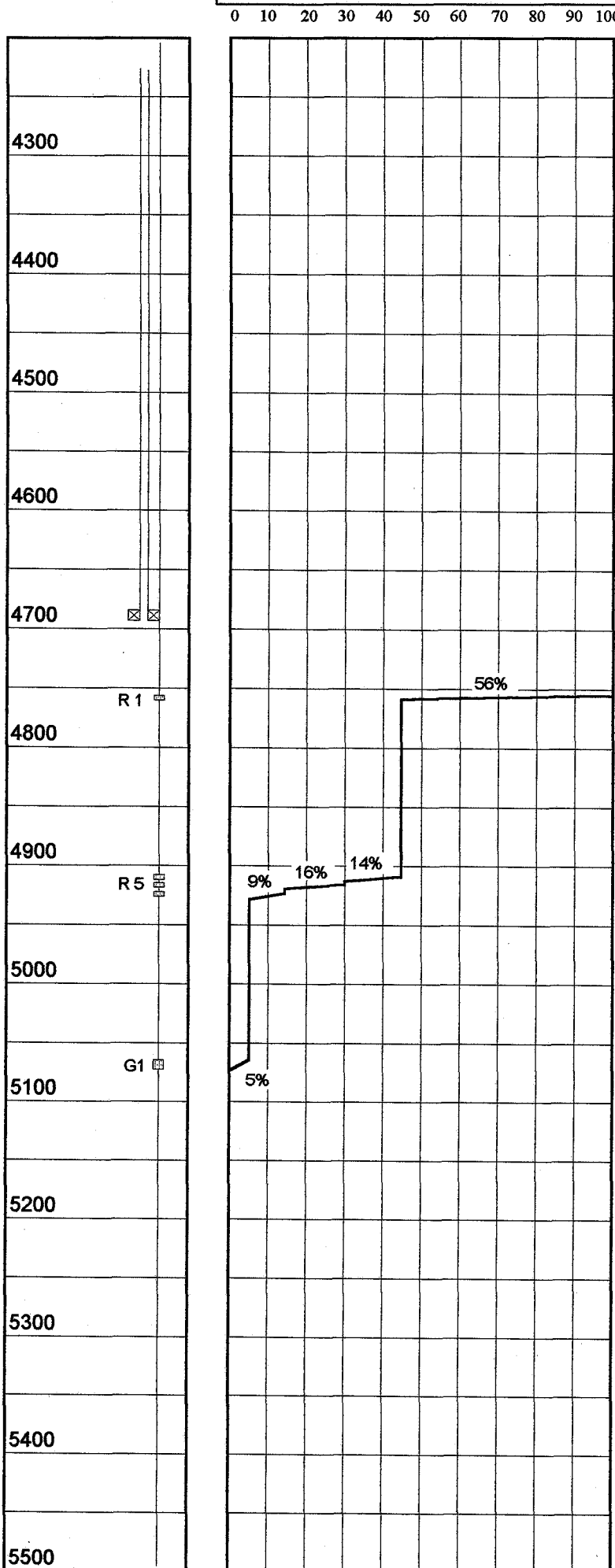
Attachments

EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION

INJECTION PROFILE

**BALCRON MONUMENT
FEDERAL 42-6**

Date: 1/7/95	Desired Rate: 180 B/D
Surface Temp: 43 F	Metered Rate: 200 B/D
BHT: 154 F	Measured Rate: 200 B/D
PBTD:	Tbg Pressure: 1900 PSI
TD: 5685	Csg Pressure: 0 PSI



95-17 E-6
43-013-31364

Remarks: R/A Tracer survey indicates exits as shown. Packer checks okay.
Service Company: Well Information Services, Inc.
Operator: Bart Williams

STATE OF UTAH
INVENTORY OF INJECTION WELLS

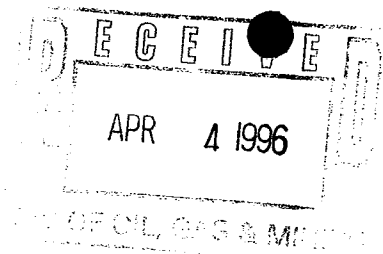
OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-047-32248	1-26B	09S	19E	26	INJG	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31384	22-5	09S	16E	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7g	9S	17E	7	INJW	N



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102



Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Oil Monument Butte Jonah Unit Waterflood (new name)	
Formerly Monument Butte Area-A Waterflood Approved 12/22/92	
Area Permit No. UT2642-00000	
Allen Federal #22-6	UT2642-03729 (AREA PERMIT UT2642-00000)
Allen Federal #13-6	UT2642-03730 (AREA PERMIT UT2642-00000)
Allen Federal #31-6	UT2642-03731 (AREA PERMIT UT2642-00000) (State #UIC-142)
Allen Federal #1-6	UT2642-03732 (AREA PERMIT UT2642-00000)
Allen Federal #1A-5	UT2642-03733 (AREA PERMIT UT2642-00000)
	NOTE: Never converted to UIC - put back on production
Balcron Monument Fed. #11-6	UT2642-03734 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #24-6	UT2642-03735 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #33-6	UT2642-03736 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #42-6	UT2642-03737 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #13-5J	UT2642-04208 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #22-5J	UT2642-04209 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #24-5	UT2642-04210 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #31-7J	UT2642-04211 (AREA PERMIT UT2642-00000) (State #UIC-149)
Monument Butte #1-33	State #UIC-151
Monument Butte #1-24	State #UIC-151
Monument Butte #1-13	State #UIC-151
Balcron Monument Fed. #42-1J	State #UIC-151
Getty #12-1	State #UIC-151
Balcron Monument Fed. #41-15	State #UIC-152
Balcron Monument Fed. #32-15	State #UIC-152
Balcron Monument Fed. #23-15	State #UIC-152
Balcron Monument Fed. #41-14J	State #UIC-152
Balcron Monument Fed. #21-14J	State #UIC-152
Balcron Monument Fed. #32-12J	State #UIC-152
C & O Gov't #4	State #UIC-152
Balcron Monument Fed. #14-12J	State #UIC-152
Balcron Monument Fed. #12-12J	State #UIC-152
Balcron Monument Fed. #43-11J	State #UIC-152
Balcron Monument Fed. #32-11	State #UIC-152



**EQUITABLE RESOURCES
ENERGY COMPANY**

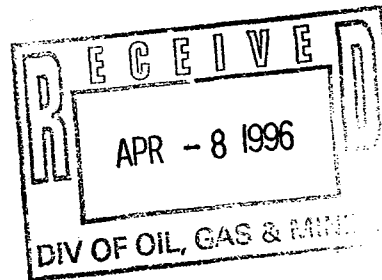
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

12/1 - 8 1996

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Regulatory and
Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

UTAH

Balcron Monument Fed. #32-1J	Monument Butte	SW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31414	2143' FNL, 1987' FEL	Vernal	Jonah
Balcron Monument Fed. #32-25	Undesignated	SW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32524	1980' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #33-11J	Monument Butte	NW SE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-31451	1971' FSL, 2032' FEL	Vernal	Jonah
Balcron Monument Fed. #33-25	Undesignated	NW SE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32525	2097' FSL, 2067' FEL	Vernal	
Balcron Monument Fed. #33-6	Monument Butte	NW SE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31361	1832' FSL, 1829' FEL	Vernal	Jonah
Balcron Monument Fed. #33-8	Monument Butte	NW SE	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31427	1980' FSL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31416	592' FSL, 1979' FEL	Vernal	Jonah
Balcron Monument Fed. #34-25	Undesignated	SW SE	25	8S	17E	Uintah	UT	PND	Green River	U-67845		800' FSL, 2100' FEL	Vernal	
Balcron Monument Fed. #34-7	Monument Butte	SW SE	7	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31426	810' FSL, 1736' FEL	Vernal	
Balcron Monument Fed. #41-12J	Monument Butte	NE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-44426		395' FNL, 476' FEL	Vernal	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31408	363' FNL, 600' FEL	Vernal	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Vernal	Jonah
Balcron Monument Fed. #41-17	Monument Butte	NE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31466	660' FNL, 660' FEL	Vernal	Beluga
Balcron Monument Fed. #41-26	Monument Butte	NE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845	43-047-32456	660' FNL, 500' FEL	Vernal	
Balcron Monument Fed. #42-11J	Monument Butte	SE NE	11	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-30066	1992' FNL, 496' FEL	Vernal	Jonah
Balcron Monument Fed. #42-12J	Monument Butte	SE NE	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521	43-013-31486	2550' FNL, 391' FEL	Vernal	Jonah
Balcron Monument Fed. #42-14J	Monument Butte	SE NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096550	43-013-21491	1882' FNL, 773' FEL	Vernal	Jonah
Balcron Monument Fed. #42-17	Monument Butte	SE NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31467	1800' FNL, 700' FEL	Vernal	Beluga
Balcron Monument Fed. #42-18	Monument Butte	SE NE	18	9S	17E	Duchesne	UT	PND	Green River	UTU-72106	43-013-31433	1800' FNL, 800' FEL	Vernal	
Balcron Monument Fed. #42-1J	Monument Butte	SE NE	1	9S	16E	Duchesne	UT	WIW	Green River	U-40652	43-013-31404	2087' FNL, 692' FEL	Vernal	Jonah
Balcron Monument Fed. #42-26	Undesignated	SE NE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		2100' FNL, 660' FEL	Vernal	
Balcron Monument Fed. #42-6	Monument Butte	SE NE	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31364	1806' FNL, 921' FEL	Vernal	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31002	2127' FSL, 693' FEL	Vernal	Jonah
Balcron Monument Fed. #43-26	Undesignated	NE SE	26	8S	17E	Uintah	UT	PND	Green River	U-67845		1880' FSL, 379' FEL	Vernal	
Balcron Monument Fed. #43-7	Monument Butte	NE SE	7	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31432	1850' FSL, 850' FEL	Vernal	Beluga
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	UT	WIW	Green River	U-44426	43-013-31415	338' FSL, 859' FEL	Vernal	Jonah
Balcron Monument State #12-2	Undesignated	SW NW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31481	1980' FNL, 660' FWL		
Balcron Monument State #13-2	Undesignated	NW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31482	2210' FSL, 604' FWL		
Balcron Monument State #14-2	Undesignated	SW SW	2	9S	17E	Duchesne	UT	Oil	Green River	ML-45555	43-013-31425	513' FSL, 787' FWL		
Balcron Monument State #21-2-9-17	Undesignated	NE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32703	821' FNL, 2187' FWL		
Balcron Monument State #22-2	Undesignated	SE NW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32610	1980' FNL, 1980' FWL		
Balcron Monument State #23-2	Undesignated	NE SW	2	9S	17E	Uintah	UT	WSW	Green River	ML-45555	43-047-32613	1980' FSL, 1980' FWL		
Balcron Monument State #24-2	Undesignated	SE SW	2	9S	17E	Uintah	UT	Oil	Green River	ML-45555	43-047-32612	660' FSL, 1980' FWL		
Balcron Monument State #32-2	Undesignated	SW NE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32609	1980' FNL, 1980' FEL		
Balcron Monument State #34-2	Undesignated	SW SE	2	9S	17E	Uintah	UT	PND	Green River	ML-45555	43-047-32611	800' FSL, 1980' FEL		

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~Operator Name Change Only~~

Routing:	
1	LEP 7-SJ
2	DTB 58-FILE
3	VLD (GIL)
4	RJE
5	JE
6	FILM

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	<u>EQUITABLE RESOURCES ENERGY COEROM</u> (former operator)	<u>EQUITABLE RESOURCES ENERGY CO</u>
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone <u>(406) 259-7860</u>	phone <u>(406) 259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-31364</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). Rec'd 4-4-96 & 4-8-96
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- # 5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)
- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Bonner - Trust Lands

FILMING

- VDR 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/04/10 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
COASTAL OIL	43-013-30337	G. HANSON #2	02S	03W	4	INJD	Y
COASTAL OIL	43-013-30038	2-23B4 LAKE	02S	04W	23	INJD	Y
COASTAL OIL	43-013-30371	L RUSSELL 2-	02S	04W	32	INJD	Y
COASTAL OIL	43-013-30391	EHRICH 2-11B	02S	05W	11	INJD	Y
COASTAL OIL	43-013-30340	LDS CHURCH #	02S	05W	27	INJD	Y
COASTAL OIL	43-047-31996	NBU 159	09S	21E	35	INJD	Y
COCHRANE RES	43-037-30815	3-23	38S	25E	23	INJW	N
COCHRANE RES	43-037-30690	1-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31145	4-25	38S	25E	25	INJW	N
COCHRANE RES	43-037-31761	WDW 1	38S	25E	25	INJD	N
COCHRANE RES	43-037-30762	3-26	38S	25E	26	INJW	N
CROSS CREEK	43-037-16269	SOUTH ISMAY	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	✓43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	✓43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	✓43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	✓43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	✓43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	✓43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	✓43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages: See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 10 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date: 9/30/97

This space for State use only)

RECEIVED

OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

OCT 13 1997

Well name and number: See Attached ****JONAH (GREEN RIVER) UNIT**

Field or Unit name: See Attached API no. See Attached

Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached

Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [Signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A. Potter Company Inland Production Company

Signature [Signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

Date 9-30-97 Phone (303) 292-0900

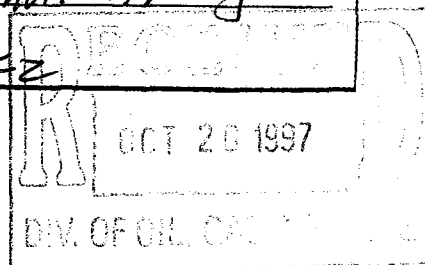
Comments:

(State use only)

Transfer approved by [Signature] Title Equity Manager

Approval Date 1-20-98

CAUSE # 228-2



Injection wells

Injection Wells for Inland Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGREEMENT NO.
✓ AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #22-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
✓ MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
✓ MONUMENT BUTTE #22-5	SENE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
✓ MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #12-11	SWNW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 15 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 10 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
✓ MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ C&O GOV'T #4	NESW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ MONUMENT STATE #11-2-9-17CD	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-42685	ML 45555	

11422

11426

11438
11431



**EQUITABLE RESOURCES
ENERGY COMPANY**

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

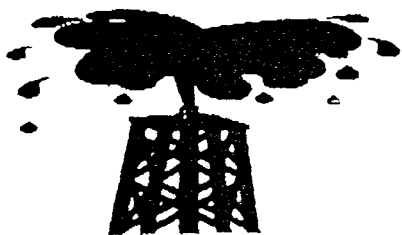
Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: *Lisha*
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet *2.*

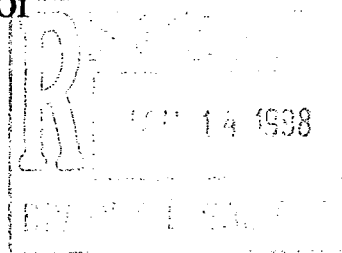
NOTE: *Here is the letter you requested.*
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133055800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

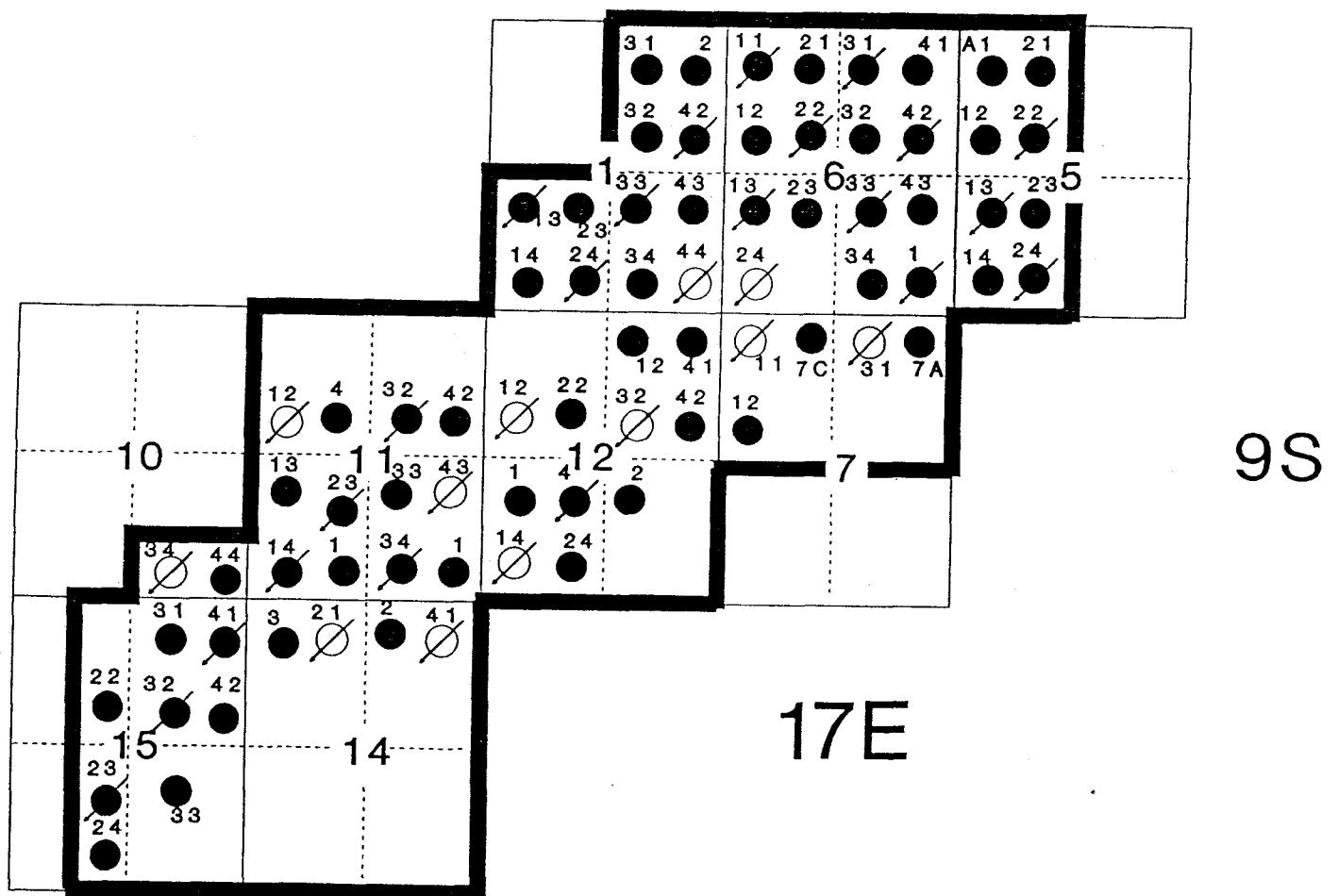
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENW	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



16E

17E

9S

— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-IEC	6-1-14
2-CLH	7-KAS
3-DTS	8-SIV
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SVS</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

*JONAH (GREEN RIVER) UNIT

Name: **SEE ATTACHED**	API: <u>43-013-31364</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state**? (yes/no) ____ If yes, show company file number: ____
- Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) * UIC/Qua Hro Pro 1-14-98 & UIC/DBase 1-14-98.
- Lec 6. **Cardex** file has been updated for each well listed above.
- Lec 7. Well **file labels** have been updated for each well listed above.
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- Lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- yc 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit".
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A yc 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A yc 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

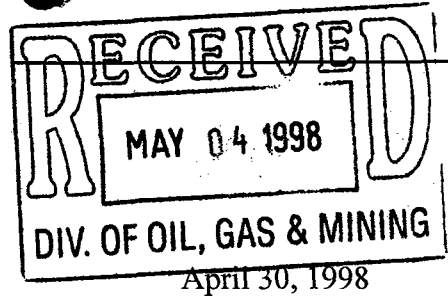
- yc 1. All attachments to this form have been **microfilmed**. Today's date: 2-3-98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 BLM/SL Aprv. eff. 1-13-98.



43-013-31364

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
P. O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Mechanical Integrity Test
Monument #42-6
Sec 6-T9S-R17E
Duchesne County, Utah

Dear Mr. Jarvis:

Please find attached, Form 3160-5, Sundry Notice and Report on Wells, for work performed on the above referenced well. Should you have any questions, please contact me at (303) 382-4434.

Sincerely,

Debbie E. Knight
Manager, Regulatory Compliance

cc: Mr. Edwin Forsman, BLM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-020252-A

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

MONUMENT FEDERAL 42-6

9. API Well No.

43-013-31364

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil
Well

☐

Gas
Well

☒

Other

WIW

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1806 FNL 0921 FEL

SE/NE Section 6, T09S R17E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other **MIT**

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

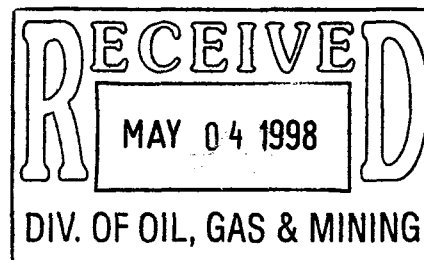
☐

Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is direction-
ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A mechanical integrity test was performed on the above referenced well on 3-12-98. Casing was pressured to 1000 psi and held for one hour. John Carson w/EPA was notified on 3-11-98. Attached is a copy of the chart.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie Knight

Title

Manager, Regulatory Compliance

Date

4/30/98

(This space for Federal or State office use)

Approved by

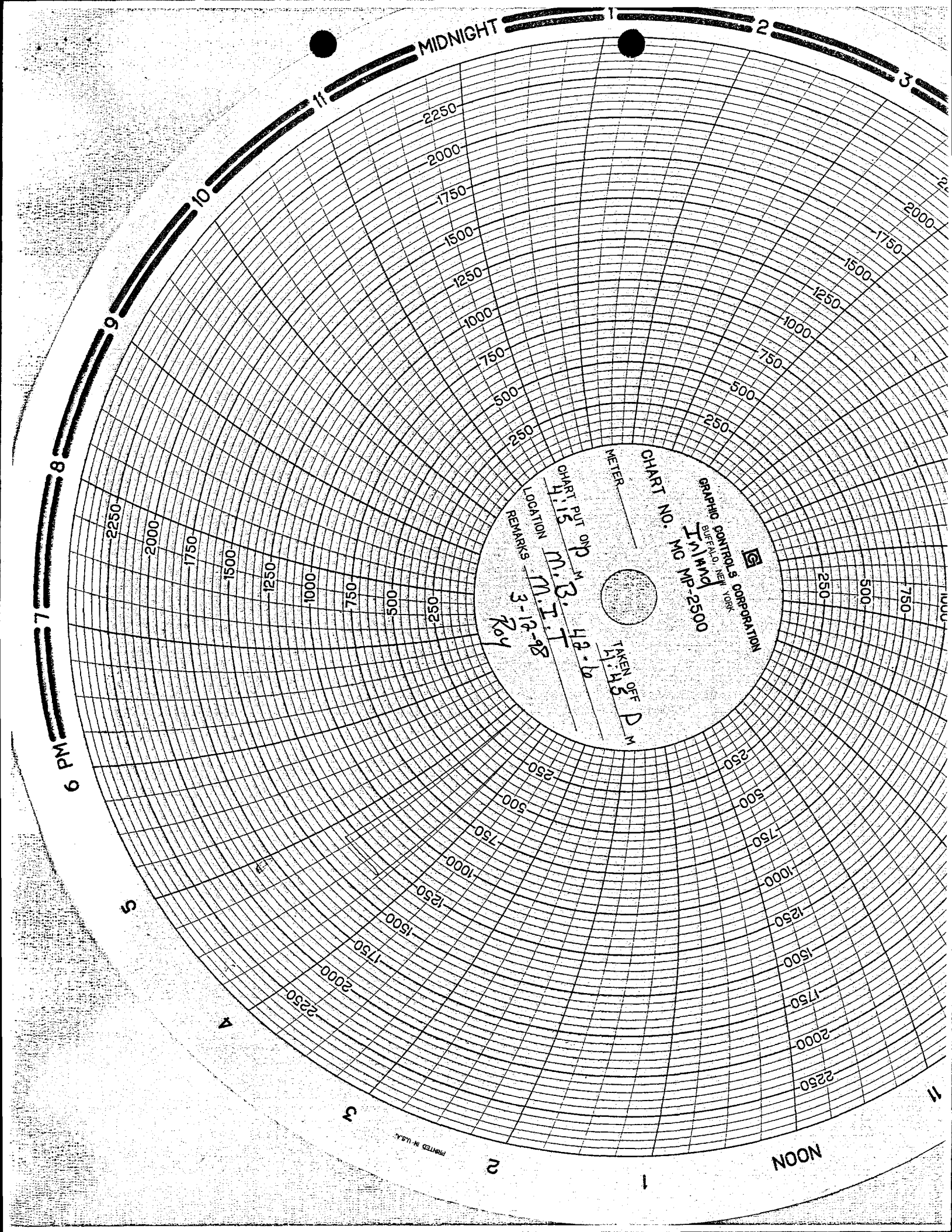
Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



MIDNIGHT

2

3

2

2000

1750

1500

1250

1000

750

500

250

500

750

1000

1250

1500

1750

2000

2250

2500

2750

3000

3250

3500

3750

4000

4250

4500

4750

5000

5250

5500

5750

6000

6250

CHART NO.

GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
MC MP-2500

METER

LOCATION N.B.I.T.
REMARKS 3-12-48
4:15 PM
11:45 AM
TAKEN OFF D M

PRINTED IN U.S.A.



February 9, 2000

State of Utah
Division of Oil, Gas & Mining
Attn: Dan Jarvis
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Step-Rate Test
Balcron Monument Federal #42-6

Dear Dan:

Please find enclosed Step-Rate Tests (SRT) results on the Balcron Monument Federal #42-6 injection well in the Jonah Unit. Inland Production Company conducted the SRT on February 9, 2000. Due to the results of the SRT Inland is requesting a change in the maximum allowable injection pressure from 2200 psi to 1930 psi for this well.

Thank you for your assistance. If you have any questions or need further information, please call me at (435) 646-3721.

Sincerely,

Brad Mecham
Operations Manager

/bm

RECEIVED

FEB 11 2000

**DIVISION OF
OIL, GAS AND MINING**

May 5, 1987

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

OIL ☐ GAS ☐ ☒ INJECTION
WELL WELL OTHER

2. NAME OF OPERATOR
INLAND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR
**ROUTE #3 BOX 3630, MYTON, UTAH 84052
(435) 646-3721**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SE/NE 1806 FNL 0921 FEL

5. LEASE DESIGNATION AND SERIAL NO.

U-020252-A

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME

N/A

7. UNIT AGREEMENT NAME

JONAH

8. FARM OR LEASE NAME

MONUMENT FEDERAL 42-6

9. WELL NO.

42-6

10. FIELD AND POOL, OR WILDCAT

MONUMENT BUTTE

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SE/NE Section 6, T09S R17E

14 API NUMBER
43-013-31364

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5580 GR

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UT

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐
(OTHER) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(OTHER) Step-Rate test ☒

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On February 9, 2000 Inland Production Company conducted a Step-Rate Test (SRT) on the Monument Federal #42-6 injection well in the Jonah Unit. Due to the results of the attached SRT Inland is requesting approval to change our Maximum Allowable Injection Pressure from 2200 psi to 1930 psi on this well.

**Approved by the
Utah Division of
Oil, Gas and Mining**

RECEIVED

COPY SENT TO OPERATOR

Date: 2-18-00
Initials: CHP

Date: 2/14/00

By: [Signature]

FEB 11 2000

DIVISION OF
OIL, GAS AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Operations Manager

DATE

2/9/00

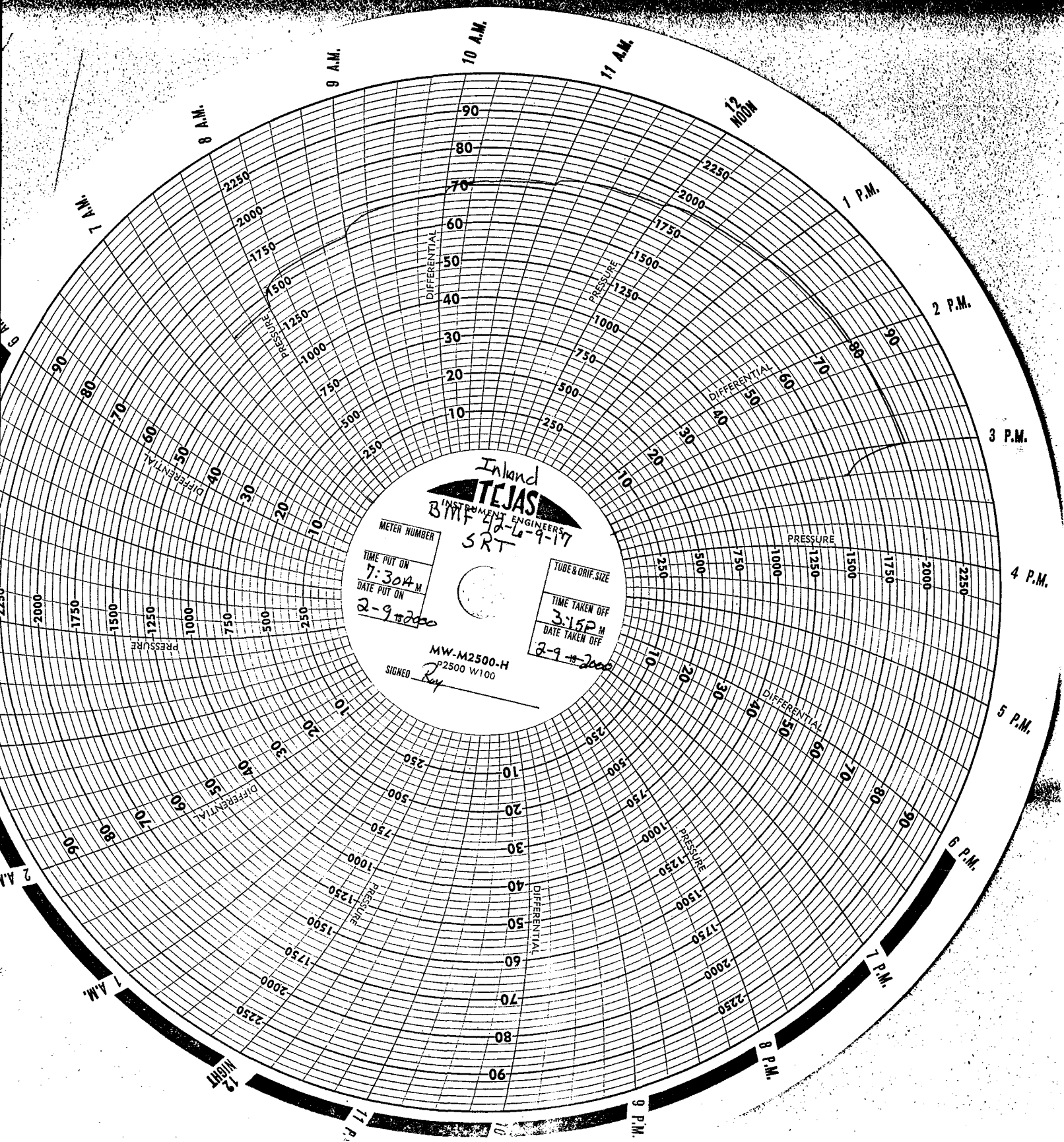
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

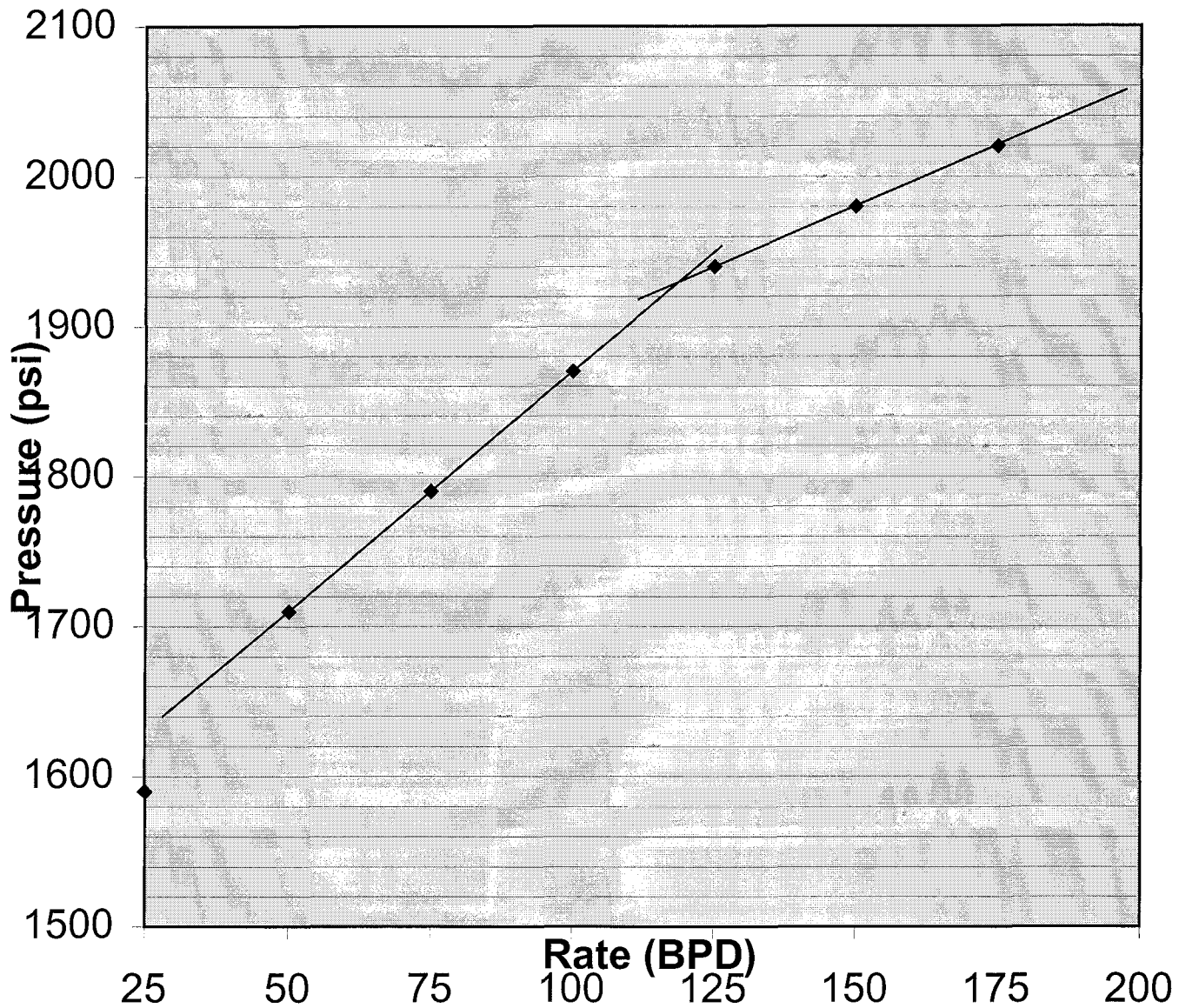


METER NUMBER
TIME PUT ON
7:30 A.M.
DATE PUT ON
2-9-2000

TUBE & ORIF. SIZE
TIME TAKEN OFF
3:15 P.M.
DATE TAKEN OFF
2-9-2000

MW-M2500-H
P2500 W100
SIGNED Ray

BMF 42-6-9-17
(Jonah Unit)
Step Rate Test
February 9, 2000



ISIP: 1975 psi

Fracture pressure: 1930 psi

FG: 0.84

Step	Rate(bpd)	Pressure(psi)
1	25	1590
2	50	1710
3	75	1790
4	100	1870
5	125	1940
6	150	1980
7	175	2020

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>Balcrum Mon Fed #42-6</u>	API Number: <u>43-013-31364</u>
Qtr/Qtr: <u>SE/NE</u>	Section: <u>6</u>
Township: <u>9S</u>	Range: <u>17E</u>
Company Name: <u>INLAND PRODUCTION COMPANY</u>	
Lease: State <u> </u>	Fee <u> </u>
Federal <u>X</u>	Indian <u> </u>
Inspector: <u>Dennis L. Dyer</u>	Date: <u>07-19-01</u>

Initial Conditions:

Tubing - Rate: Pressure: 65 psiCasing/Tubing Annulus - Pressure: 1085 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1085</u>	<u>65</u>
5	<u>1085</u>	<u>65</u>
10	<u>1085</u>	<u>65</u>
15	<u>1090</u>	<u>65</u>
20	<u>1090</u>	<u>65</u>
25	<u>1090</u>	<u>65</u>
30	<u>1095</u>	<u>65</u>

Results: Pass Pass/Fail

Conditions After Test:

Tubing Pressure: 65 psiCasing/Tubing Annulus Pressure: 1095 psi

COMMENTS: ORIGINAL TEST. Well static - not injecting.
PSI increase due to Taper Change.
Test @ 9:00 AM

Bret Fenwick
 Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-020252-A	
		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input type="checkbox"/> WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME JONAH	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		8. FARM OR LEASE NAME MONUMENT FEDERAL 42-6-9-17	
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, Myton Utah 84052 435-646-3721		9. WELL NO. MONUMENT FEDERAL 42-6-9-17	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SE/NE Section 6, T09S R17E 1806 FNL 921 FEL		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE/NE Section 6, T09S R17E	
14. API NUMBER 43-013-31364	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5580 GR	12. COUNTY OR PARISH DUCHESNE	13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <input checked="" type="checkbox"/> Recompletion	
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well was recompleted in the Green River formation. Three new Green River intervals were perforated, the GB-4 4253' - 4260' w/4 jspf, GB-4 4272' - 4280' w/ 4 jspf, and the GB-6 4297' - 4300' w/ 4 jspf for a total of 72 shots.

On 7/17/01 Mr. Al Craver w/ EPA and Mr. Dennis Ingram W/ State DOGM was contacted of the intent to conduct a MIT on the casing. On 7/19/01 the casing was pressured to 1085 psi w/ no pressure loss charted in the 1/2 hour test. Mr. Dennis Ingram was there to witness the test. The well is shut in and waiting on approval to inject.

18 I hereby certify that the foregoing is true and correct

SIGNED Krishna Russell TITLE Production Clerk DATE 7/20/01
Krishna Russell

cc: BLM
(This space for Federal or State office use)

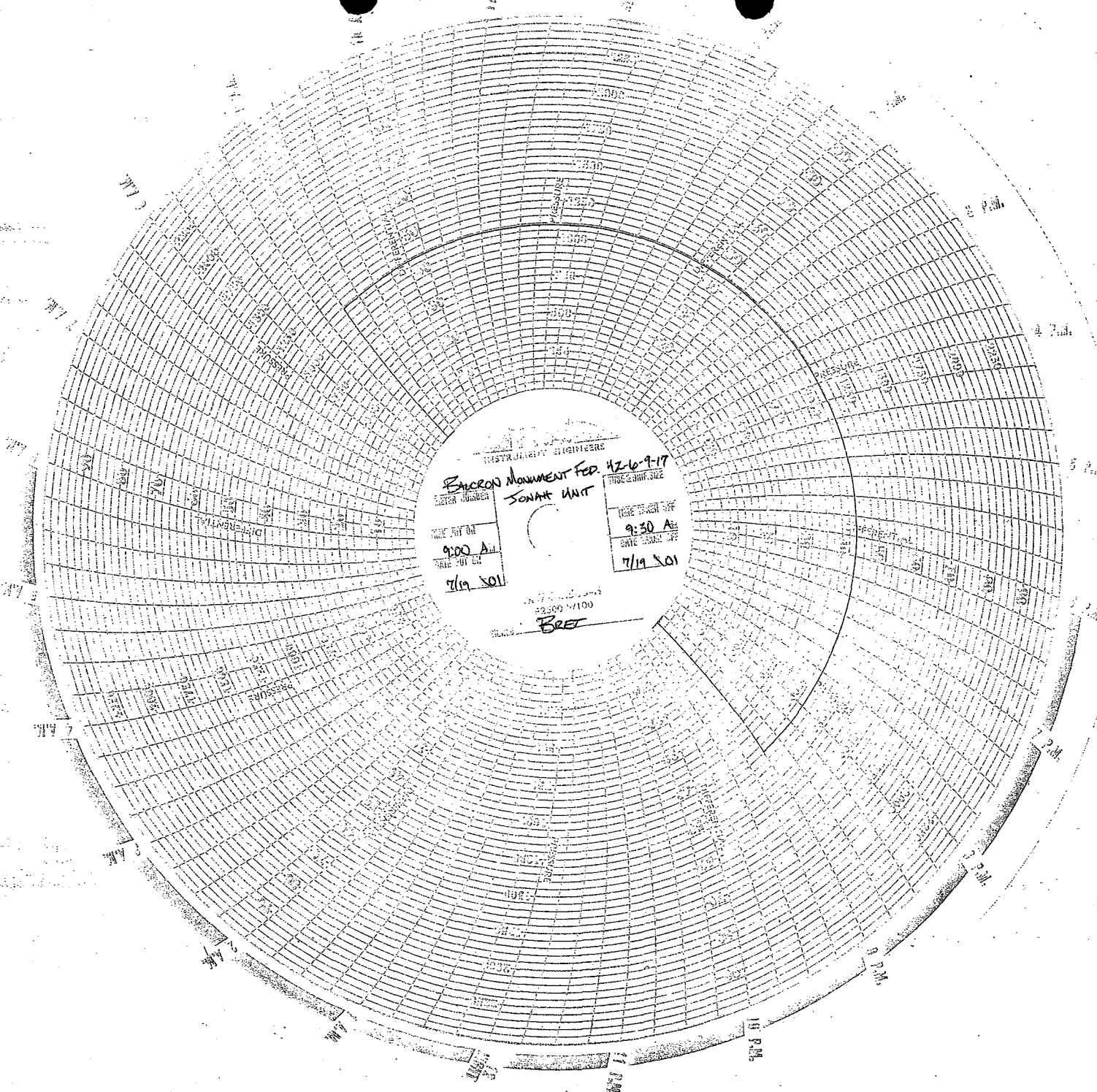
APPROVED BY _____ TITLE _____ DATE 7/23/2001

CONDITIONS OF APPROVAL, IF ANY:

Approved by the Utah Division of Oil, Gas and Mining

Date: 07-30-01
By: [Signature]

RECEIVED
DIVISION OF OIL, GAS AND MINING



DISTRIBUTION ENGINEERS
BACRON MONUMENT FED. 42-6-9-17
SONAR UNIT
TIME PUT ON 9:00 AM
DATE PUT ON 7/19/50
TIME TAKEN OFF 9:30 AM
DATE TAKEN OFF 7/19/50
22500 W/100
BRET

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Direct Implementation Program 8P-W-GW
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: DENNIS INGRAM Date: 7 / 19 / 01
Test conducted by: BRET HENZIE
Others present: _____

Well Name: <u>FALCON MONUMENT FED 42-6</u>	Type: ER SWD	Status: AC TA UC
Field: <u>SONAH</u>		
Location: <u>SE/NE</u> Sec: <u>6</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>UINTAH</u> State: <u>UT</u>		
Operator: _____		
Last MIT: <u>- / - / -</u>	Maximum Allowable Pressure: <u>1975</u> PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No

Initial test for permit? ☒ Yes ☐ No

Test after well rework? ☐ Yes ☒ No

Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

MIT DATA TABLE		Test #1	Test #2	Test #3
TUBING		PRESSURE		
Initial Pressure	105 psig	psig	psig	
End of test pressure	65 psig	psig	psig	
CASING / TUBING		ANNULUS PRESSURE		
0 minutes	1085 psig	psig	psig	
5 minutes	1085 psig	psig	psig	
10 minutes	1085 psig	psig	psig	
15 minutes	1090 psig	psig	psig	
20 minutes	1090 psig	psig	psig	
25 minutes	1090 psig	psig	psig	
30 minutes	1095 psig	psig	psig	
minutes	psig	psig	psig	
minutes	psig	psig	psig	
RESULT	[✓] Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail	

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness:

OFFICE USE ONLY - COMPLIANCE FOLLOWUP

Staff: _____ Date: ____/____/____

Do you agree with the reported test results? ☐ YES ☐ NO

If not, why?

Possible violation identified? ☐ YES ☒ NO

If YES, what

If YES - followup initiated? ☐ YES

[I NO - why not?

[] Data Entry

☐ Compliance Staff

[] 2nd Data Entry.

☐ Hardcopy Filing



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas

SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: Tech. Services Manager

Approval Date: 9-20-04

Comments: Note: Indian Country wells will require EPA approval.

(9/2003)

RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

2. NAME OF OPERATOR:

Newfield Production Company

3. ADDRESS OF OPERATOR:

Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1806 FNL 0921 FEL

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU020252A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
JONAH UNIT

8. WELL NAME and NUMBER:

MON FED 42-6

9. API NUMBER:

4301331364

10. FIELD AND POOL, OR WILDCAT:

Monument Butte

COUNTY: Duchesne

STATE: Utah

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NE, 6, T9S, R17E

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

07/21/2005

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - Step Rate Test

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on June 30, 2005. Results from the test indicate that the fracture gradient is .914 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 2035 psi.

RECEIVED

JUL 26 2005

DIV. OF OIL, GAS & MINING

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Mike Guinn

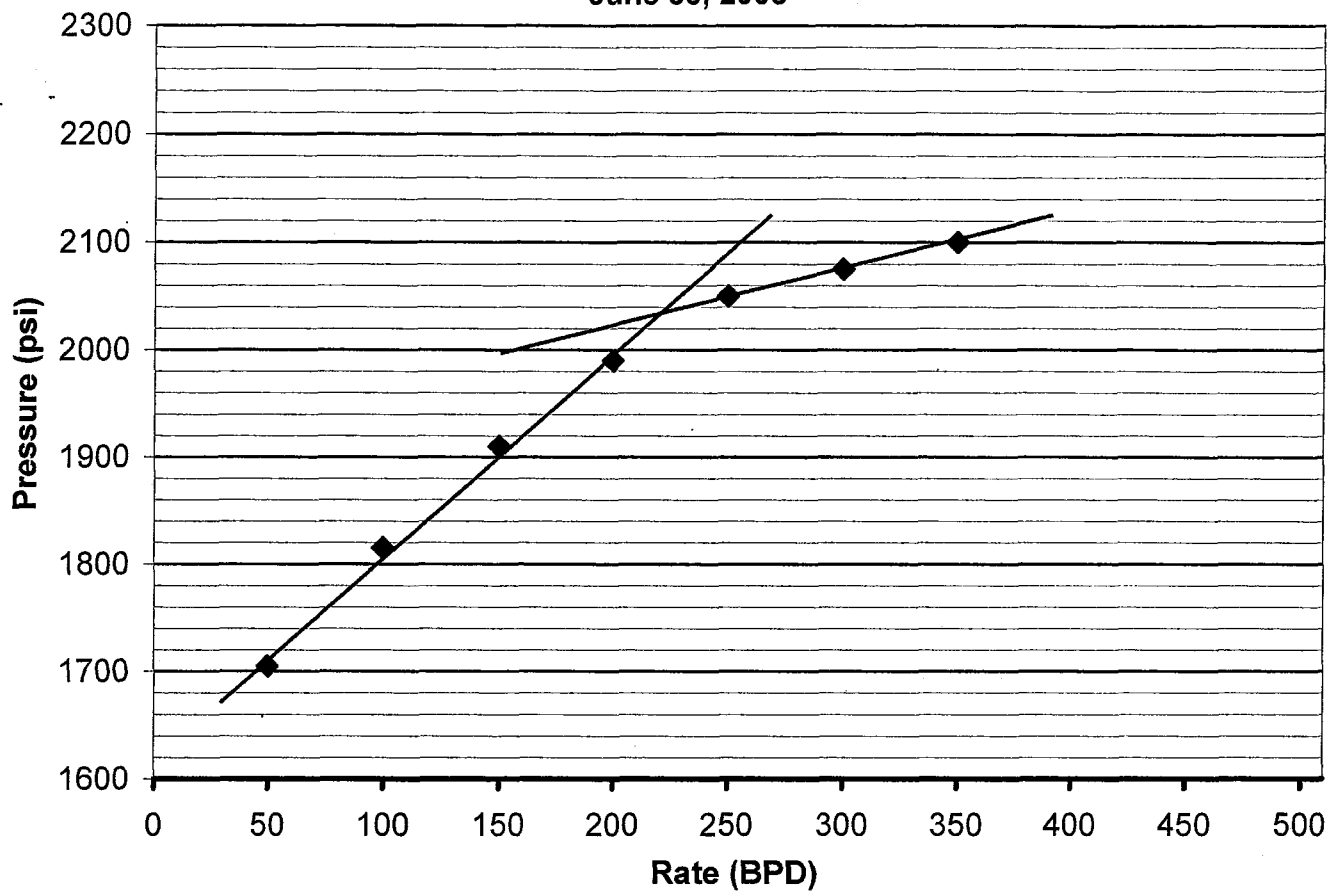
TITLE Engineer

SIGNATURE

DATE 07/21/2005

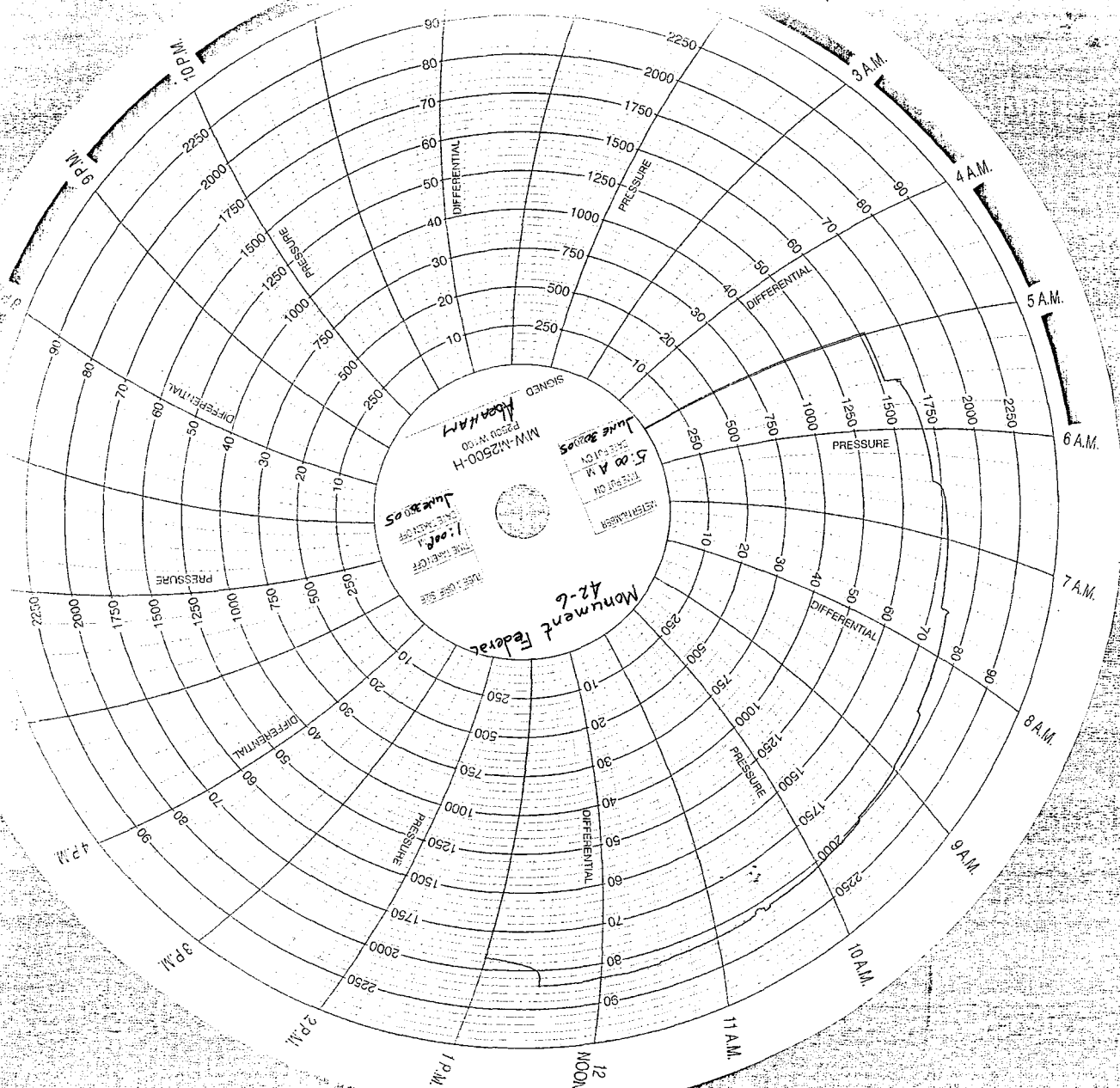
(This space for State use only)

**Monument Federal 42-6
Jonah Unit
Step Rate Test
June 30, 2005**



Start Pressure: 1530 psi
Instantaneous Shut In Pressure (ISIP): 2070 psi
Top Perforation: 4253 feet
Fracture pressure (Pfp): 2035 psi
FG: 0.914 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	50	1705
2	100	1815
3	150	1910
4	200	1990
5	250	2050
6	300	2075
7	350	2100
8	400	0
9	450	0
10	500	0
11	550	0
12	600	0



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Injection well		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU020252A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: JONAH UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1806 FNL 0921 FEL		8. WELL NAME and NUMBER: MON FED 42-6
5. PHONE NUMBER: 435.646.3721		9. API NUMBER: 4301331364
6. COUNTY: Duchesne		10. FIELD AND POOL, OR WILDCAT: Monument Butte
7. STATE: Utah		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	SubDate	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE		<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/22/2006			<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - 5 Year MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/20/06 Nathan Wiser with the EPA was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 6/22/06. On 6/22/06 the csg was pressured up to 1235 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbg pressure was 2020 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-03737 API# 43-013-31364

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Callie Duncan TITLE Production Clerk
SIGNATURE *Callie Duncan* DATE 06/27/2006

(This space for State use only)

RECEIVED
JUN 29 2006
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 22 / 2006

Test conducted by: J-D Horrocks

Others present: _____

Well Name: <u>Monument Federal 42-69-17</u>		Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Jonah unit</u>			
Location: <u>SE/NE</u>	Sec: <u>6</u>	T <u>9</u> N <u>10</u> R <u>17E</u>	County: <u>Utah</u> State: <u>Ut.</u>
Operator: <u>Newfield</u>			
Last MIT: <u> </u> / <u> </u> / <u> </u>		Maximum Allowable Pressure: <u>2035</u> PSIG	

Is this a regularly scheduled test? ☒ Yes ☐ No
 Initial test for permit? ☐ Yes ☒ No
 Test after well rework? ☐ Yes ☒ No
 Well injecting during test? ☒ Yes ☒ No If Yes, rate: 43 bpd

Pre-test casing/tubing annulus pressure: 0 psig

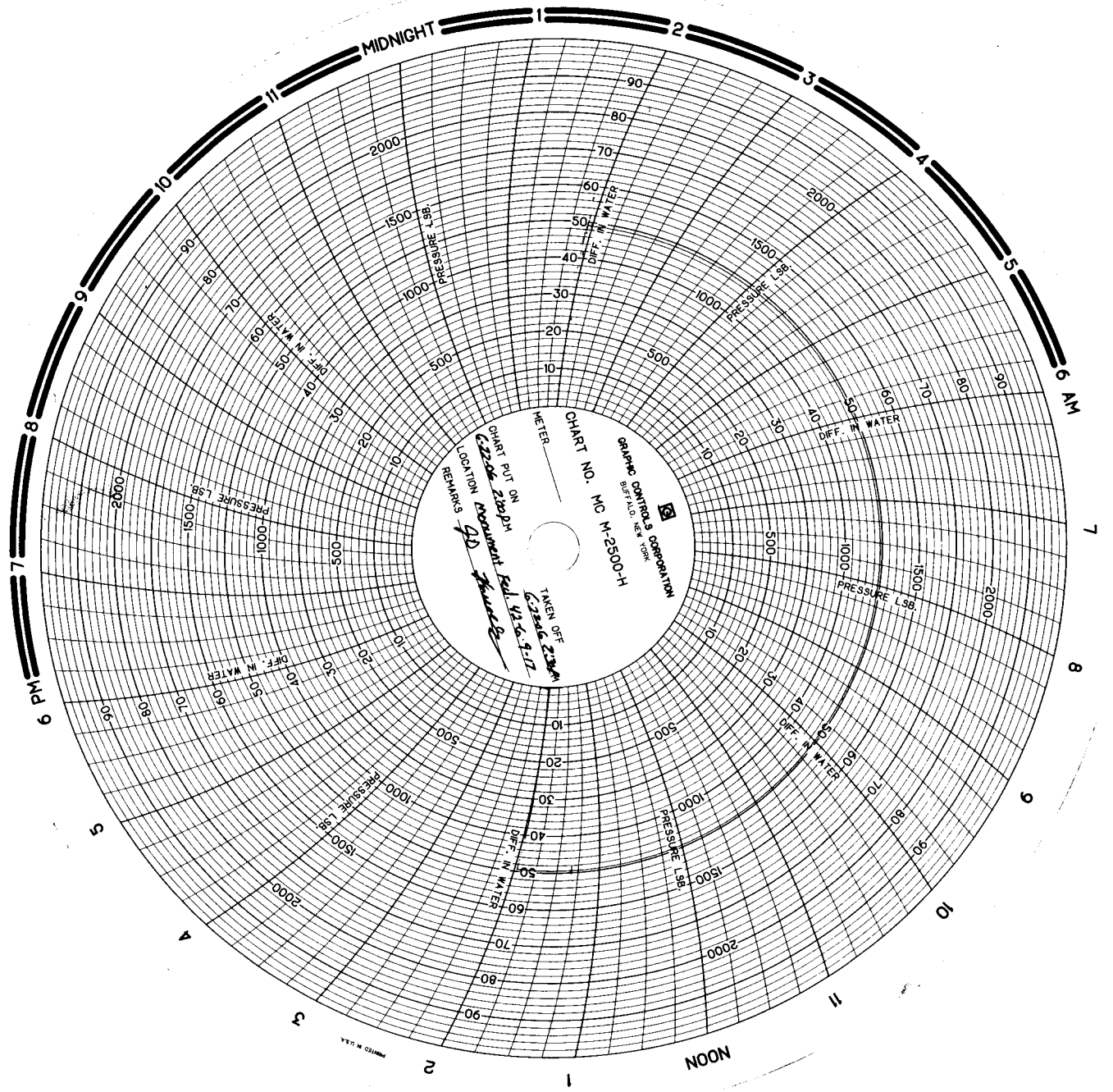
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>2020</u> psig	psig	psig
End of test pressure	<u>2020</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1235</u> psig	psig	psig
5 minutes	<u>1235</u> psig	psig	psig
10 minutes	<u>1235</u> psig	psig	psig
15 minutes	<u>1235</u> psig	psig	psig
20 minutes	<u>1235</u> psig	psig	psig
25 minutes	<u>1235</u> psig	psig	psig
30 minutes	<u>1235</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-020252-A
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1806 FNL 921 FEL		8. WELL NAME and NUMBER: MON FED 42-6
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE, 6, T9S, R17E		9. API NUMBER: 4301331364
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

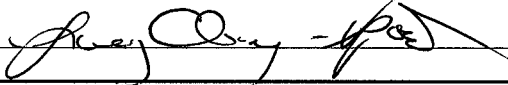
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/05/2011	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 05/23/2011 Nathan Wiser with the EPA was contacted concerning the 5 year MIT on the above listed well. On 06/05/2011 the casing was pressured up to 1450 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1860 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20642-03737 API# 43-013-31364

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Water Services Technician</u>
SIGNATURE 	DATE <u>06/08/2011</u>

(This space for State use only)

RECEIVED
JUN 14 2011
DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 6 / 5 / 2011
Test conducted by: Wade Davis
Others present: _____

Well Name: <u>Monument Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>42-6-9-17</u> Sec: <u>6</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W County: <u>Duchesne</u> State: <u>Utah</u>		
Operator: <u>Newfield</u>		
Last MIT: _____ / _____ / _____ Maximum Allowable Pressure: _____ PSIG		

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

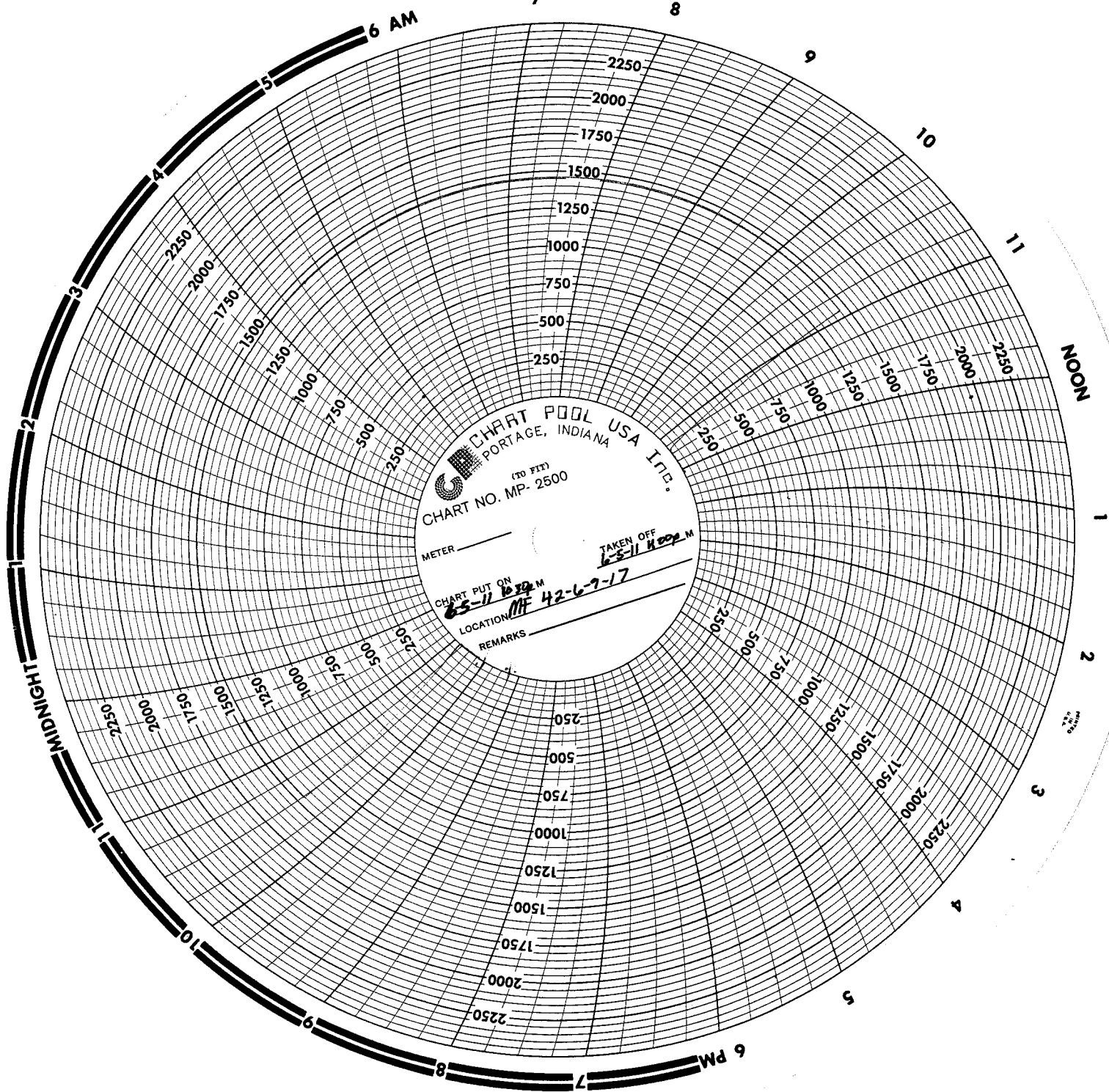
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1860</u> psig	psig	psig
End of test pressure	<u>1860</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1450</u> psig	psig	psig
5 minutes	<u>1450</u> psig	psig	psig
10 minutes	<u>1450</u> psig	psig	psig
15 minutes	<u>1450</u> psig	psig	psig
20 minutes	<u>1460</u> psig	psig	psig
25 minutes	<u>1450</u> psig	psig	psig
30 minutes	psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Wade Davis



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252A
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 42-6
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1806 FNL 0921 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 06 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013313640000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/8/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input checked="" type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (tubing leak), attached is a daily status report. On 02/01/2012 Nathan Wiser with the EPA was contacted concerning the MIT on the above listed well. On 02/08/2012 the csg was pressured up to 1290 psig and charted for 30 minute with no pressure loss. The well was not injecting during the test. The tbp pressure was 975 psig during the test. There was not an EPA representative available to witness the test. EPA #UT20642-03737		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY February 16, 2012		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 2/9/2012	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 2 / 8 / 12
Test conducted by: Jared Robinson
Others present: _____

Well Name: <u>Monument Federal 42-6-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>SE/NE</u> Sec: <u>6</u> T <u>9S</u> N/S R <u>17</u> @/W	County: <u>Duchenne</u> State: <u>UT</u>	
Operator: <u>Jared Robinson</u>		
Last MIT: <u>/ /</u>	Maximum Allowable Pressure: _____ PSIG	

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: _____ psig

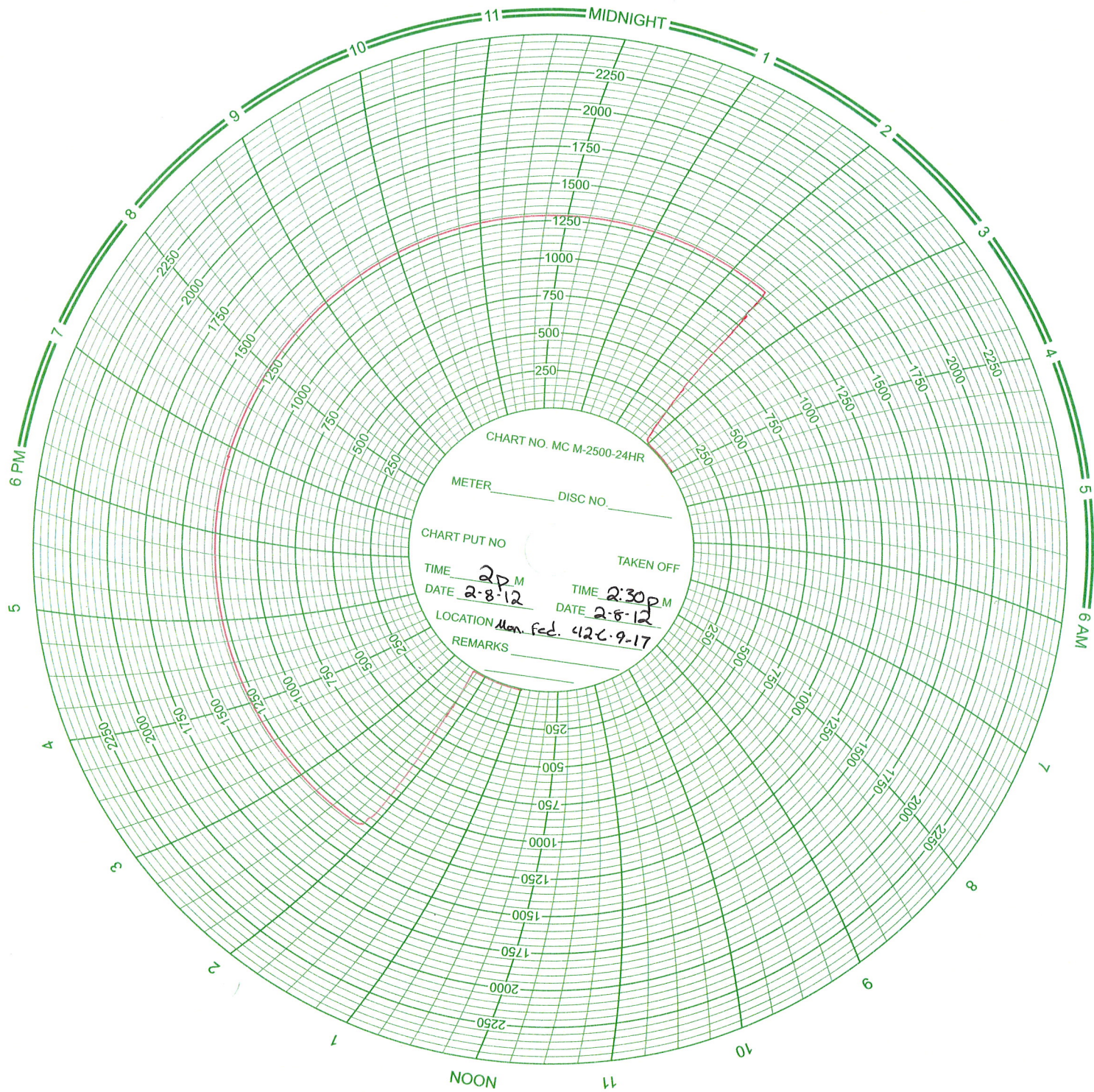
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>975</u> psig	psig	psig
End of test pressure	<u>975</u> psig	psig	psig
CASING / TUBING	ANNULUS PRESSURE		
0 minutes	<u>1290</u> psig	psig	psig
5 minutes	<u>1290</u> psig	psig	psig
10 minutes	<u>1290</u> psig	psig	psig
15 minutes	<u>1290</u> psig	psig	psig
20 minutes	<u>1290</u> psig	psig	psig
25 minutes	<u>1290</u> psig	psig	psig
30 minutes	<u>1290</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



Spud Date: 10/13/92
 Put on Production: 11/24/92
 Put on Injection: 6/22/01
 GL: 5308' KB: 5318'

Mon Federal 42-6-9-17

SURFACE CASING

CSG SIZE: 8 5/8" / J-55 / 24 lbs.
 LENGTH: 249'
 DEPTH LANDED: 259'KB
 HOLE SIZE: 12 1/4"
 CEMENT DATA: 150 sx 75% Class - G & 25% Litpoz

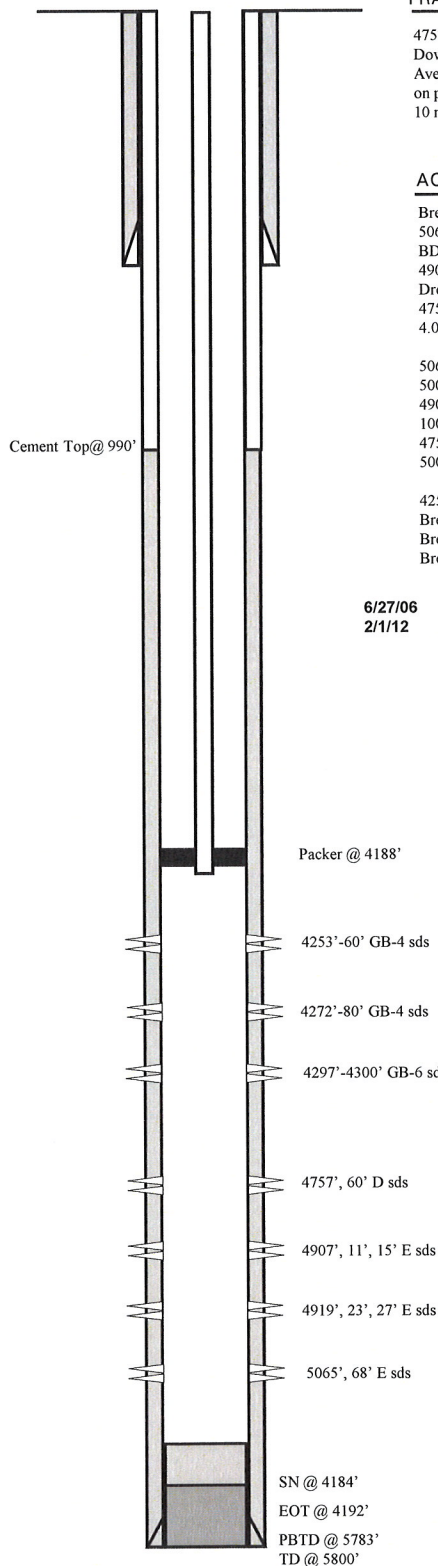
PRODUCTION CASING

CSG SIZE: 5 1/2" / J-55 / 15.5#
 LENGTH: 581'
 DEPTH LANDED: 5799'KB
 HOLE SIZE: 7 7/8"
 CEMENT DATA: 217 sx hifil & 447 sx Class - G
 CEMENT TOP AT: 990'KB from CBL

INJECTION EQUIPMENT & SIZE

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4173.7')
 3 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4183.6' KB
 CE @: 4188.02'
 TOTAL STRING LENGTH: EOT @ 4192.00'

Injection Wellbore Diagram



Initial Production: 1 STBOPD,
 TSTM MCFD, 1 STBWPD

FRAC JOB

4757'-5068'
 Dowell Frac w/51,670 lbs. sand & 543 bbls gel.
 Ave. 35 BPM @ 3300psig. Screen out after 8ppg sand
 on perms. ISIP @ 4289psig, 5 min @ 1661psig,
 10 min @ 942psig, 15 min @ 640psig.

ACID JOBS

Breakdown w/Dowell
 5065'-5068' Spot 250 gal. 15% HCl acid,
 BD @ 1930, Avg. 3.8 STBPM @ 2250psig, ISIP @ 1450psig.
 4907'-4927' Spot 250 gal 15% HCl acid, BD @ 1570,
 Dropped Balls, 3.7 STBPM @ 2010psig, ISIP @ 130psig
 4757'-4760' Spot 250 gal. 15% HCl acid, BD @ 3140,
 4.0 STBPM @ 1640psig, ISIP @ 830psig.

5064'- 5070' Breakdown w/ Western 9-14-93,
 500 gals 15% HCl acid w/24 ball sealers.
 4906'- 4928' Breakdown w/ Western 9-14-93,
 1000 gals 15% HCl acid w/96 ball sealers.
 4756'- 4760' Breakdown w/ Western 9-14-93,
 500 gals 15% HCl acid w/24 ball sealers.

4253'-4300' - Spot 3.2 bbls HCL across perms, wait 30 min.
 Break 4297'-4300' @ 2200 psi, inj. rate of 1.2 BPM @ 1550 psi.
 Break 4272'-4280' @ inj. rate of 1.2 BPM @ 1450 psi.
 Break 4253'-4260' @ 2050 psi, inj. rate of 1.2 BPM @ 1350 psi.

6/27/06
 2/1/12

5 Year MIT completed and submitted.
 Tubing leak: updated tubing detail

PERFORATION RECORD

11/14/92	4757',4760'	1 SPF	(2 Holes)
11/14/92	4907',4911',4915'		(3 Holes)
11/14/92	4919',4923',4927'		(3 Holes)
11/14/92	5065', 5068'		(2 Holes)
9-13-93	4756'- 4760', 4906'- 4928'	w/2 SPF	
9-13-93	5064'- 5070'	2 SPF	
6/21/01	4253'-4260'	4 SPF	(28 holes)
9-13-93	4272'-4280'	4 SPF	(32 holes)
9-13-93	4297'-4300'	4 SPF	(12 holes)



Mon Federal 42-6-9-17
 1806 FNL & 921 FEL
 SENE Section 6-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31364; Lease #U-020252-A

Daily Activity Report

Format For Sundry

MON 42-6-9-17

11/1/2011 To 3/29/2012

11/29/2011 Day: 1

Tubing Leak

WWS #5 on 11/29/2011 - Attempt to bleed off well. H2S reading too high to work on well. - MIRU WWS #5. Tbg. @ 1100 psi. Flowback well. Recorded h2s readings @ 30 ppm to 125 ppm. RU hotoiler to tbg. Pump 40 bbls biocide treated water down tbg. @ 1750 psi. Attempt to bleed off well. Flowed back biocide water. H2s reading returned @ 125 ppm. Turned well over to hotoiler to bullhead biocide water into formation. - MIRU WWS #5. Tbg. @ 1100 psi. Flowback well. Recorded h2s readings @ 30 ppm to 125 ppm. RU hotoiler to tbg. Pump 40 bbls biocide treated water down tbg. @ 1750 psi. Attempt to bleed off well. Flowed back biocide water. H2s reading returned @ 125 ppm. Turned well over to hotoiler to bullhead biocide water into formation.

Daily Cost: \$0

Cumulative Cost: \$8,375

11/30/2011 Day: 2

Tubing Leak

WWS #5 on 11/30/2011 - Rig down. - Bullheaded 150 bbls biocide treated water into formation. Attempt to bleed off well. Recorded 125 ppm H2S readings. Decision was made to shut well in and rig down WWS #5. SWIFN. - Bullheaded 150 bbls biocide treated water into formation. Attempt to bleed off well. Recorded 125 ppm H2S readings. Decision was made to shut well in and rig down WWS #5. SWIFN.

Daily Cost: \$0

Cumulative Cost: \$11,075

1/27/2012 Day: 3

Tubing Leak

WWS #3 on 1/27/2012 - Hold safety meeting w/ total safety. MIRU WWS #3. Bleed off well. ND WH. Release PKR. NU BOP. Circulate well w/ bio-cide treated wtr. Try test tbg. Fish SV. TOH w/ 76 jts of tbg. - Hold safety meeting with Total safety. MIRU WWS #3. Bleed off well. ND WH. Release PKR. NU BOP. Hot oiler circulated well w/ 50 bbls of bio-cide wtr. Drop SV and pump 30 bbls of bio-cide wtr. Water foamed up and would not pressure test. RU sandline and fish SV. TOH w/ 76 jts of tbg. Shut in well 3 times for H2S readings. - Hold safety meeting with Total safety. MIRU WWS #3. Bleed off well. ND WH. Release PKR. NU BOP. Hot oiler circulated well w/ 50 bbls of bio-cide wtr. Drop SV and pump 30 bbls of bio-cide wtr. Water foamed up and would not pressure test. RU sandline and fish SV. TOH w/ 76 jts of tbg. Shut in well 3 times for H2S readings. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$33,727

1/28/2012 Day: 4

Tubing Leak

WWS #3 on 1/28/2012 - TOH w/ pkr, TIH w/ bit & scraper. PU tbg to get below perms. Circulate well w/ bio-cide water. LD extra tbg. Try to pressure test tbg. No test. - Safety meeting and Newfield Orientation. RU hot oiler and pump 60 bbls of fresh wtr w/ bio-cide down tbg. Continue TOH w/ tbg. LD pkr. PU & RIH w/ RBS 5 1/2" scraper & 135 jts of tbg. PU 32 jts of tbg. EOT @ 5100'. Circulate well w/ w/ bio-cide wtr. LD 32 jts of tbg. EOT @ 4163'. Drop SV and try to pressure test. Would not pressure test. SIWFN. Shut down 1 time today

due to H2S readings. Found scale and rust corrosion in tbg. - Safety meeting and Newfield Orientation. RU hot oiler and pump 60 bbls of fresh wtr w/ bio-cide down tbg. Continue TOH w/ tbg. LD pkr. PU & RIH w/ RBS 5 1/2" scraper & 135 jts of tbg. PU 32 jts of tbg. EOT @ 5100'. Circulate well w/ w/ bio-cide wtr. LD 32 jts of tbg. EOT @ 4163'. Drop SV and try to pressure test. Would not pressure test. SIWFN. Shut down 1 time today due to H2S readings. Found scale and rust corrosion in tbg.

Daily Cost: \$0

Cumulative Cost: \$46,317

1/30/2012 Day: 5

Tubing Leak

WWS #3 on 1/30/2012 - LD tbg & bit, scraper. PU & RIH w/ pkr and 2 7/8 blue band tbg breaking and redoping. 30 jts in. - Hot oiler thawed out WH. Fish SV. Drop new SV. No test. Fish SV. LD tbg & bit & scraper. PU & RIH w/ AS-1 pkr, SN. RIH w/ 2 7/8" blue band tbg breaking and redoping every connection. 30 jts in hole (Crimped 8 jts while trying to break collars lose). Left well flowing. - Hot oiler thawed out WH. Fish SV. Drop new SV. No test. Fish SV. LD tbg & bit & scraper. PU & RIH w/ AS-1 pkr, SN. RIH w/ 2 7/8" blue band tbg breaking and redoping every connection. 30 jts in hole (Crimped 8 jts while trying to break collars lose). Left well flowing. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$57,667

1/31/2012 Day: 6

Tubing Leak

WWS #3 on 1/31/2012 - Continue TIH w/ tbg breaking, redoping and pressure testing. - Thaw out WH. Flush tbg w/ 10 BW. Continue PU & RIH w/ tbg breaking & redoping every connection. Drop SV. Try to pressure test, No test. TOH w/ tbg found a couple of crimped jts of blue band tbg. Continue TIH w/ tbg breaking, Redoping and pressure testing. Total of 133 jts of tbg in hole. Pressure test to 3000 psi. Check pressure in AM. - Thaw out WH. Flush tbg w/ 10 BW. Continue PU & RIH w/ tbg breaking & redoping every connection. Drop SV. Try to pressure test, No test. TOH w/ tbg found a couple of crimped jts of blue band tbg. Continue TIH w/ tbg breaking, Redoping and pressure testing. Total of 133 jts of tbg in hole. Pressure test to 3000 psi. Check pressure in AM. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$65,564

2/1/2012 Day: 7

Tubing Leak

WWS #3 on 2/1/2012 - Pressure test tbg. Fish SV. Pump pkr fluid. ND BOP. Set & land. Pressure test annulus. RDMOSU. - Hot oiler thawed out WH. Pressure test tbg to 3000 psi. Fish SV. ND BOP. Land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4186', CE @ 4189' & EOT @ 4194'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT. - Hot oiler thawed out WH. Pressure test tbg to 3000 psi. Fish SV. ND BOP. Land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4186', CE @ 4189' & EOT @ 4194'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1500 psi. RDMOSU. READY FOR MIT. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$83,921

2/9/2012 Day: 8

Tubing Leak

Rigless on 2/9/2012 - Conduct MIT - On 02/01/2012 Nathan Wiser with the EPA was contacted concerning the workover MIT on the above listed well. On 02/08/2012 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 975 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-03737 - On 02/01/2012 Nathan Wiser with the EPA was contacted concerning the workover MIT on the above listed well. On 02/08/2012 the casing was pressured up to 1290 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 975 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20642-03737 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$84,821

Pertinent Files: [Go to File List](#)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

FEB 16 2012

RECEIVED

FEB 21 2012

DIV. OF OIL, GAS & MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7009-3410-0000-2599-1530
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

9S 17E 6
Re: Underground Injection Control (UIC)
Permission to Resume Injection
Monument Federal 42-6-9-17 Well
EPA ID# UT20642-03737
API # 43-013-31364
Jonah Oil Field
Duchesne County, UT

Dear Mr. Horrocks:

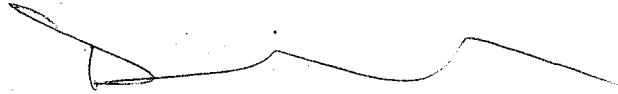
On February 14, 2012, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover to address a tubing leak and the followup mechanical integrity test (MIT) conducted on February 8, 2012. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. §144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before February 8, 2017.

Pursuant to 40 C.F.R. §144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless EPA is notified and procedures are described to EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. §300h. Such non-compliance may subject you to formal enforcement by EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056. Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Darcy O'Connor, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Irene Cuch, Jr., Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Richard Jenks, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Mike Natchees, Environmental
Coordinator
Ute Indian Tribe
P.O. Box 460
Fort Duchesne, Utah 84026

John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114

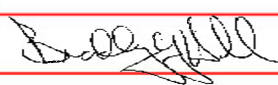
Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Stewart Pike, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Frances Poowegup, Councilwoman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
P.O. Box 70
Ute Indian Tribe
Fort Duchesne, Utah 84026



STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-020252A
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: MON FED 42-6
PHONE NUMBER: 435 646-4825 Ext		9. API NUMBER: 43013313640000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1806 FNL 0921 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 06 Township: 09.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/5/2016	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR	
	<input type="checkbox"/> CHANGE WELL NAME	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> APD EXTENSION	
	OTHER: 5 YEAR MIT	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 05/05/2016 the casing was pressured up to 1529 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1185 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-03737		
Approved by the May 09, 2016 Oil, Gas and Mining Date: _____ By: 		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/9/2016	

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 5 / 5 / 16
Test conducted by: Riley Bogle
Others present: _____

Well Name: <u>Monument fluvial</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Monument Butte</u>		
Location: <u>42</u>	Sec: <u>6</u> T <u>9</u> N/S R <u>17</u> E/W	County: <u>Duchesne</u> State: <u>UT</u>
Operator: _____		
Last MIT: <u>1</u>	Maximum Allowable Pressure: <u>1831</u>	PSIG

Is this a regularly scheduled test? ☒ Yes ☐ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☐ Yes ☒ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1528 / 1186 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING	PRESSURE		
Initial Pressure	<u>1186</u> psig	psig	psig
End of test pressure	<u>1185</u> psig	psig	psig
CASING / TUBING	ANNULUS	PRESSURE	
0 minutes	<u>1528</u> psig	psig	psig
5 minutes	<u>1528</u> psig	psig	psig
10 minutes	<u>1529</u> psig	psig	psig
15 minutes	<u>1529</u> psig	psig	psig
20 minutes	<u>1528</u> psig	psig	psig
25 minutes	<u>1529</u> psig	psig	psig
30 minutes	<u>1529</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Monument Federal 42 6 9-17 (5 year MIT 5/5/16)

5/5/2016 10:29:14 AM

